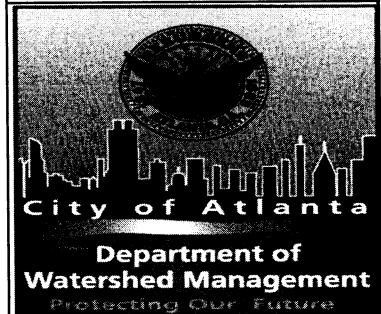


## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Sewer Group (5R) - Peachtree Creek Basin		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>These Sewer Relief projects will provide sewer capacity relief in those portions of the sewer basins that are determined to be capacity limited and which are not resolved in conjunction with the completion of the rehabilitation work performed under the Sewer Group Rehabilitation or other City rehabilitation projects.</p> <p>Based upon the current modeling completed to date and the current concept design &amp; conceptual Estimate for the Peachtree Creek Basin capacity relief project includes total 114,850 LF of 18" to 66" Sewer trunk and outfall replacement – 18,750 LF of 18" sewer line, 21,950 LF of 24" sewer line, 12,780 LF of 30" sewer line, 16,540 LF of 36" sewer line, 8,440 LF of 42" sewer line, 15,070 LF of 48" sewer line, 15,350 LF of 54" sewer line, and 6,580 LF of 66" sewer line—375 new Manholes, 13,000,000 gallon offline sewage storage tank, and a 1,000,000 gallon offline sewage storage tank.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPUs</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	03/15/2005	<b>End Date</b>	11/30/2012
<b>Cost Estimate</b>	\$56,758,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$56,758,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This project is required to provide sewer capacity relief in portions of the sewer basins where capacity relief can not be obtained through rehabilitation. This project will provide additional capacity, will eliminate sanitary sewer overflows and is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph VIII.C.8).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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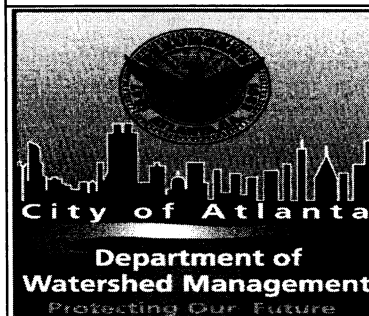
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	1,419,000	Local	Revenue Bond					
Easements(572001)	1,419,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	39,730,000	Local	Revenue Bond					
Consultant (524001)	14,190,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	6,811,000	0	16,743,500	27,244,000	5,959,500	56,758,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 04.23.351

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	Sewer Group (5R) - Peachtree Creek Relief Siphon		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	Cleaning of the Peachtree Creek Siphon for maintenance and capacity relief credits reasons.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPU</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	04/14/2005	<b>End Date</b>	07/30/2006
<b>Cost Estimate</b>	\$221,438	<b>Estimated By</b>	
<b>Total Funded</b>	\$221,438	<b>Total UnFunded</b>	\$0

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This project is required to provide sewer capacity relief in portions of the sewer basins where capacity relief can not be obtained through rehabilitation. This project will provide additional capacity, will eliminate sanitary sewer overflows and is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph VIII.C.8).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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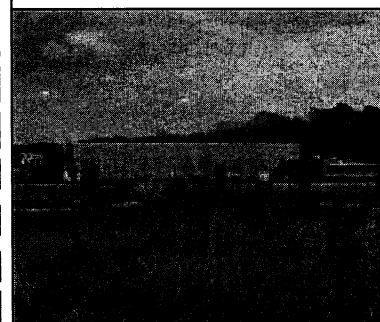
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	221,438	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>	<b>Total</b>
Revenue Bond	221,438	0	0	0	0	0	0	221,438

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Sewer Group (6R) - Clear Creek CSO Basin		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide capacity relief in portions of the combined sewer basins that are capacity limited to prevent sanitary sewer overflows. These are termed Interim because they would be performed prior to the requirement of the First Amended Consent Decree to allow for development in capacity limited portions of the basins to proceed, or to reduce or eliminate sanitary sewer overflows if such are found to result from lack of design capacity (i.e., not due to operation and maintenance issues). This project category is part of the overall Capacity Relief program that was identified as a component of the refined Authorized CSO Remedial Measures Plan.</p> <p>This project category consists of presently un-identified individual projects which would be developed from hydraulic modeling, sewer spill experience, limited sewer inspection (ahead of scheduled SSES Sewer Group 5 and 6 work), and development needs. These projects could be upsized pipes, parallel relief pipes, or storage facilities (tanks or pipes), as determined by cost effective analyses. The overall cost estimate for capacity relief projects required by the First Amended Consent Decree was established based on preliminary designs with an estimate of future flows and hydraulic modeling using a five-year storm.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPUs</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	03/01/2006	<b>End Date</b>	03/01/2013
<b>Cost Estimate</b>	\$69,840,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$69,840,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This project is required to provide sewer capacity relief in portions of the sewer basins where capacity relief can not be obtained through rehabilitation. This project will provide additional capacity, will eliminate sanitary sewer overflows and is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph VIII.C.8).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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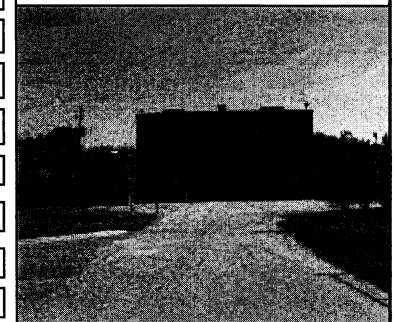
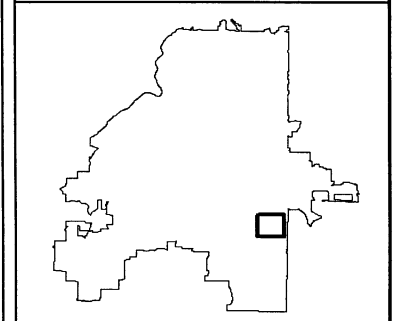
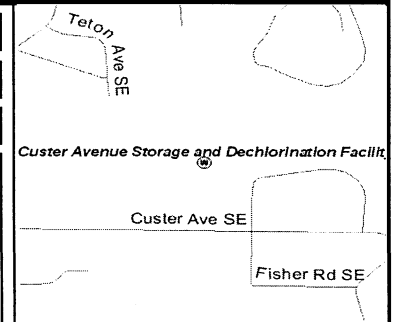
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	1,746,000	Local	Revenue Bond					
Easements(572001)	1,746,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	48,888,000	Local	Revenue Bond					
Consultant (524001)	17,460,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	8,381,000	3,492,000	45,745,000	12,222,000	69,840,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Sewer Group (6R) - Custer Ave CSO Basin		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide capacity relief in portions of the combined sewer basins that are capacity limited to prevent sanitary sewer overflows. These are termed Interim because they would be performed prior to the requirement of the First Amended Consent Decree to allow for development in capacity limited portions of the basins to proceed, or to reduce or eliminate sanitary sewer overflows if such are found to result from lack of design capacity (i.e., not due to operation and maintenance issues). This project category is part of the overall Capacity Relief program that was identified as a component of the refined Authorized CSO Remedial Measures Plan.</p> <p>This project category consists of presently un-identified individual projects which would be developed from hydraulic modeling, sewer spill experience, limited sewer inspection (ahead of scheduled SSES Sewer Group 5 and 6 work), and development needs. These projects could be upsized pipes, parallel relief pipes, or storage facilities (tanks or pipes), as determined by cost effective analyses. The overall cost estimate for capacity relief projects required by the First Amended Consent Decree was established based on preliminary designs with an estimate of future flows and hydraulic modeling using a five-year storm.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPU's</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	01/01/2007	<b>End Date</b>	09/29/2012
<b>Cost Estimate</b>	\$60,100,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$60,100,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This project is required to provide sewer capacity relief in portions of the sewer basins where capacity relief can not be obtained through rehabilitation. This project will provide additional capacity, will eliminate sanitary sewer overflows and is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph VIII.C.8).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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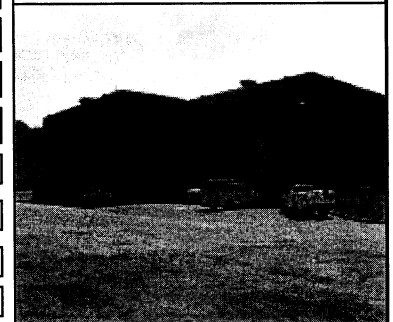
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	1,502,500	Local	Revenue Bond					
Easements(572001)	1,502,500	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	42,069,000	Local	Revenue Bond					
Consultant (524001)	15,026,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	7,212,000	3,005,000	43,572,700	6,310,300	60,100,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Sewer Group (6R) - North Ave CSO Basin		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide capacity relief in portions of the combined sewer basins that are capacity limited to prevent sanitary sewer overflows. These are termed Interim because they would be performed prior to the requirement of the First Amended Consent Decree to allow for development in capacity limited portions of the basins to proceed, or to reduce or eliminate sanitary sewer overflows if such are found to result from lack of design capacity (i.e., not due to operation and maintenance issues). This project category is part of the overall Capacity Relief program that was identified as a component of the refined Authorized CSO Remedial Measures Plan.</p> <p>This project category consists of presently un-identified individual projects which would be developed from hydraulic modeling, sewer spill experience, limited sewer inspection (ahead of scheduled SSES Sewer Group 5 and 6 work), and development needs. These projects could be upsized pipes, parallel relief pipes, or storage facilities (tanks or pipes), as determined by cost effective analyses. The overall cost estimate for capacity relief projects required by the First Amended Consent Decree was established based on preliminary designs with an estimate of future flows and hydraulic modeling using a five-year storm.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPUs</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	01/01/2007	<b>End Date</b>	09/10/2012
<b>Cost Estimate</b>	\$46,560,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$46,560,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This project is required to provide sewer capacity relief in portions of the sewer basins where capacity relief can not be obtained through rehabilitation. This project will provide additional capacity, will eliminate sanitary sewer overflows and is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph VIII.C.8).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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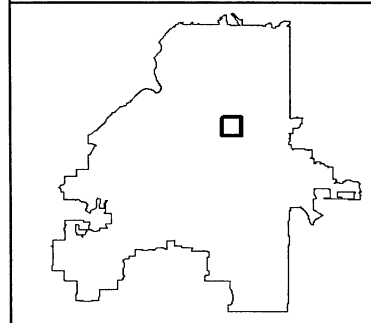
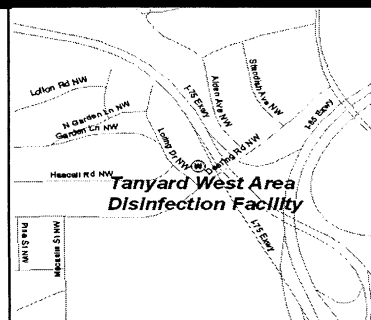
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	1,164,000	Local	Revenue Bond					
Easements(572001)	1,164,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	32,592,000	Local	Revenue Bond					
Consultant (524001)	11,640,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	5,587,000	13,735,200	22,349,000	4,888,800	46,560,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Sewer Group (6R) - Tanyard Ave CSO Basin		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide capacity relief in portions of the combined sewer basins that are capacity limited to prevent sanitary sewer overflows. These are termed Interim because they would be performed prior to the requirement of the First Amended Consent Decree to allow for development in capacity limited portions of the basins to proceed, or to reduce or eliminate sanitary sewer overflows if such are found to result from lack of design capacity (i.e., not due to operation and maintenance issues). This project category is part of the overall Capacity Relief program that was identified as a component of the refined Authorized CSO Remedial Measures Plan.</p> <p>This project category consists of presently un-identified individual projects which would be developed from hydraulic modeling, sewer spill experience, limited sewer inspection (ahead of scheduled SSES Sewer Group 5 and 6 work), and development needs. These projects could be upsized pipes, parallel relief pipes, or storage facilities (tanks or pipes), as determined by cost effective analyses. The overall cost estimate for capacity relief projects required by the First Amended Consent Decree was established based on preliminary designs with an estimate of future flows and hydraulic modeling using a five-year storm.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPU</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	01/01/2006	<b>End Date</b>	12/30/2012
<b>Cost Estimate</b>	\$60,100,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$60,100,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This project is required to provide sewer capacity relief in portions of the sewer basins where capacity relief can not be obtained through rehabilitation. This project will provide additional capacity, will eliminate sanitary sewer overflows and is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph VIII.C.8).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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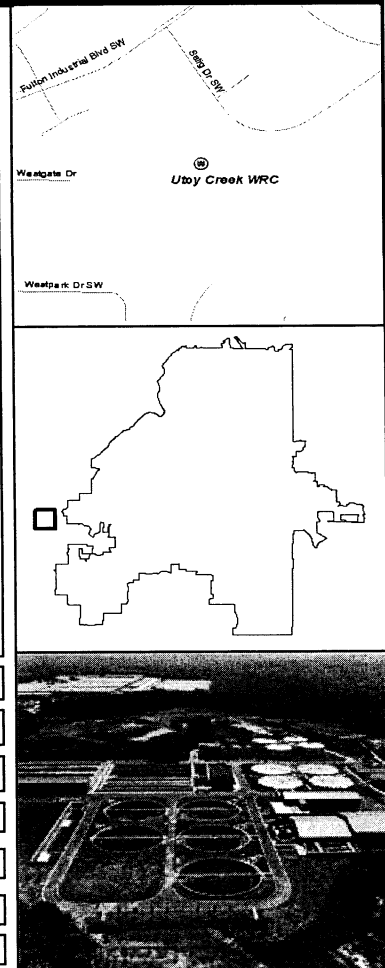
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	1,502,500	Local	Revenue Bond					
Easements(572001)	1,502,500	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	42,069,000	Local	Revenue Bond					
Consultant (524001)	15,026,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	7,212,000	3,005,000	39,365,750	10,517,250	60,100,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Sewer Group (6R) - Utoy Creek Basin		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>These Sewer Relief projects will provide sewer capacity relief in those portions of the sewer basins that are determined to be capacity limited and which are not resolved in conjunction with the completion of the rehabilitation work performed under the Sewer Group Rehabilitation or other City rehabilitation projects.</p> <p>Based upon the current modeling completed to date and the concept designs &amp; conceptual cos estimates for the Utoy Creek Basin Capacity relief project includes total 181,250 LF of 10" to 72" Sewer trunk and outfall replacement – 650 LF of 10" sewer line, 20,030 LF of 12" sewer line, 6,900 LF of 15" sewer line, 33,020 LF of 18" sewer line, 6,150 LF of 21" sewer line, 17,600 LF of 24" sewer line, 18,550 LF of 30" sewer line, 26,750 LF of 36" sewer line, 32,300 LF of 48" sewer line, 15,500 LF of 54" sewer line and 3600 LF of 72" sewer line – 650 new Manholes, 12,800 LF 10-ft diameter Tunnel, and a tunnel submersible pump station.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPU's</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	03/31/2004	<b>End Date</b>	09/30/2012
<b>Cost Estimate</b>	\$82,136,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$82,136,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This project is required to provide sewer capacity relief in portions of the sewer basins where capacity relief can not be obtained through rehabilitation. This project will provide additional capacity, will eliminate sanitary sewer overflows and is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.6, Paragraph VIII.C.7 and Paragraph VIII.C.8).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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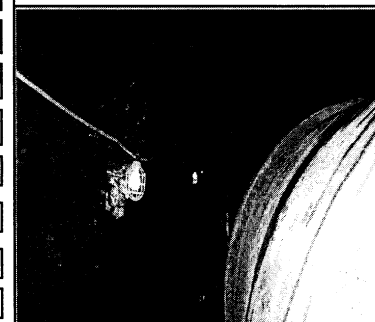
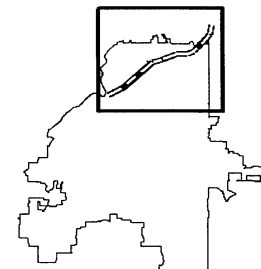
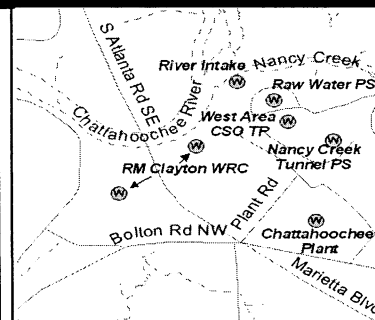
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	2,053,500	Local	Revenue Bond					
Easements(572001)	2,053,500	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	57,495,000	Local	Revenue Bond					
Consultant (524001)	20,534,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	9,857,000	0	34,907,250	28,747,500	8,624,250	82,136,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 04.26.001

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<b>Project Manager</b>	Ade Abon		
<b>Project Name</b>	Nancy Creek Tunnel		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project is to provide needed sewer capacity in the tunnel and a reliable interception of wastewater at key locations along the Nancy Creek Trunk and Relief sewers.</p> <p>The Nancy Creek Tunnel is a 43,700-foot long, 16-foot finished diameter sanitary sewer tunnel, which extends from the RM Clayton WRC to DeKalb County at Johnson Ferry Road. The project includes three construction shafts, eight intake structures and 2,400 feet of connecting tunnels and chambers to transfer flow from existing sewers to the tunnel.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	7, 8, 9		
<b>NPU's</b>	A, B, C, D		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	01/01/2001	<b>End Date</b>	12/31/2005
<b>Cost Estimate</b>	\$149,895,910	<b>Estimated By</b>	
<b>Total Funded</b>	\$149,895,910	<b>Total UnFunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	The project is required by the First Amended Consent Decree (Paragraph VIII.B.8.e – the Nancy Creek/Peachtree Creek diversion project) as substituted with the Nancy Creek Tunnel and Pump Station project and approved by EPA/EPD. The project must be substantially complete by December 31, 2005.

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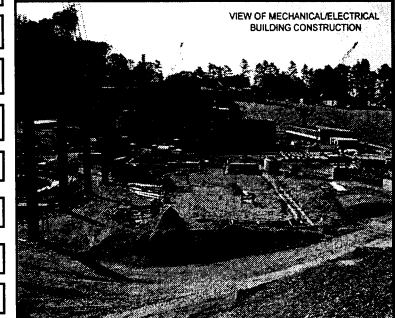
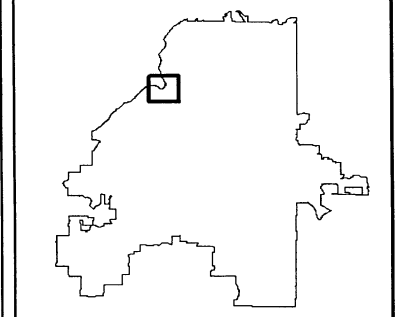
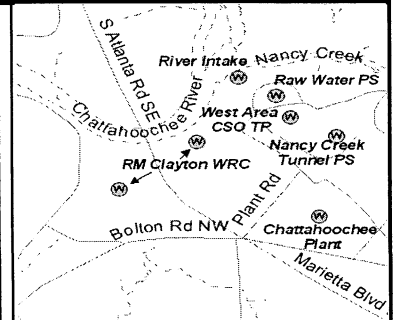
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	2,243,000	Local	Revenue Bond					
Easements(572001)	1,495,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	131,576,006	Local	Revenue Bond					
Consultant (524001)	14,581,904	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	149,895,910	0	0	0	0	0	0	149,895,910

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Rosemary Carswell		
<b>Project Name</b>	Nancy Creek Pump Station Phase 2		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project is to provide controlled pumping of the intercepted wastewater from the Nancy Creek Tunnel to prevent sanitary sewer overflows.</p> <p>This project uses a Design/Build method of project delivery for the Pumping Station which is part of the Nancy Creek Trunk Sewer Capacity management Facility. This portion of the project is a 100 mgd pumping station for raw wastewater conveyed in the Nancy Creek Tunnel to the R.M. Clayton WRC for treatment. The pump station will use submersible pumps as a result of value engineering.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	8, 9		
<b>NPUs</b>	A, C, D		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	07/01/2001	<b>End Date</b>	12/31/2005
<b>Cost Estimate</b>	\$32,250,444	<b>Estimated By</b>	
<b>Total Funded</b>	\$32,250,444	<b>Total UnFunded</b>	\$0

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	The project is required by the First Amended Consent Decree (Paragraph VIII.B.8.e – the Nancy Creek/Peachtree Creek diversion project) as substituted with the Nancy Creek Tunnel and Pump Station project and approved by EPA/EPD. The project must be substantially complete by December 31, 2005.

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	31,000,000	Local	Revenue Bond					
Consultant (524001)	1,250,444	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	32,250,444	0	0	0	0	0	0	32,250,444

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	SSO - Cost Sharing Relief Projects		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to address capacity related issues associated within the Separate Sanitary Sewer Basins that are anticipated (based on recent experience) to be required by developers to proceed with the development in capacity limited basins. The cost estimate represents the City's share of a larger project that is needed, with the developer funding its portion of the project and perhaps building the larger project.</p> <p>This project category consists of presently un-identified individual projects which would be developed as developers identify a desire to develop or re-develop land in capacity limited basins. The solution to their need for unavailable capacity, may be solved by on-site facilities that would be their responsibility. However, if a solution is needed for capacity relief beyond their need, and if a project might be developed either as a part of a total solution, or the total solution itself, the City may choose to participate in the cost, ahead of when the capacity relief solution required by the First Amended Consent Decree might otherwise be performed. The overall cost estimate for capacity relief projects required by the First Amended Consent Decree in the separate sanitary sewer basins was established based on the Peak Flow Evaluation Study for Sewer Group One and extrapolated for the other three Sewer Groups in the separate sanitary sewer basins. The related project category to this is the CSO Interim Relief Projects for the combined sewer basins.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPUs</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	09/01/2004	<b>End Date</b>	12/31/2009
<b>Cost Estimate</b>	\$10,956,420	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$10,956,420

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Projects in this category are justified to allow development to proceed ahead of the schedule required by the First Amended Consent Decree (Paragraph VIII.C.8) for capacity relief required by the First Amended Consent Decree (Paragraph VIII.C.6).

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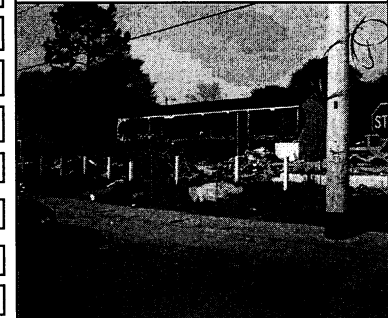
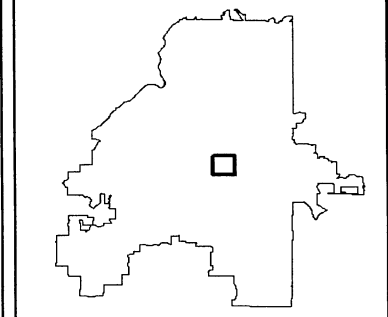
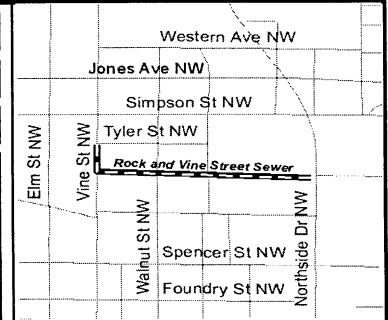
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	0	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	10,956,420	Local	Revenue Bond				
Consultant (524001)	0	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	0	2,639,420	4,000,000	4,000,000	317,000	0	0
							<b>Total</b>
							10,956,420

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	George Barnes		
<b>Project Name</b>	Rock and Vine Streets Sewer Project		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project is to provide combined sewer capacity relief within the North Avenue CSO Basin and flood relief in the Vine City community. The proposed relief system would allow the flow volume, typically stored on surface streets, to enter the collection system. The excess flow volume would be diverted and captured in a deep tunnel system connected to the proposed West Area CSO Tunnel system at the North Avenue CSO Facility flow intake location. The system could provide relief in the Vine City and area communities up the 25 year storm.</p> <p>The project consists of upsizing approximately 1,100' of the existing Mineral Springs Trunk sewer, a new diversion and inflow structure to divert flow to a tunnel approximately 7,000' long with a finished diameter up to 26'. The tunnel would connect with the West Area CSO Storage Tunnel. Acquisition of approximately 13 acres of land is included in the project.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	2, 3, 4, 8		
<b>NPIs</b>	E, K, L, M, T		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	08/25/2002	<b>End Date</b>	03/06/2011
<b>Cost Estimate</b>	\$49,116,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$12,320,000	<b>Total Unfunded</b>	\$36,796,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	This project is required to eliminate a localized flooding problem and a capacity limitation in the combined sewer system which would be required to be corrected by the First Amended Consent Decree (FACD) (Paragraph VIII.C.6.) by the schedule in the FACD (Paragraph VIII.C.8.).

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	10,485,000	Local	Revenue Bond					
Easements(572001)	3,453,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	27,084,000	Local	Revenue Bond					
Consultant (524001)	8,094,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	12,320,000	0	5,500,000	16,163,400	12,610,500	2,522,100	0	49,116,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Boulevard Trunk Outflow Management		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project is to insure that the existing storm inlets to the combined sewer do not allow outflow.</p> <p>The project consists of renovating two existing openings in the Boulevard combined sewer trunk line to raise the inverts above the hydraulic grade line for the 25-year storm. New grates at the raised inlets are included in the project. Regrading the area surrounding the inlets will allow site stormwater to enter the renovated inlets.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 4, 5		
<b>NPU</b>	V, W, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	01/01/2003	<b>End Date</b>	07/31/2008
<b>Cost Estimate</b>	\$675,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$675,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Renovate the Boulevard combined sewer trunk line to raise the height of two large storm relief openings south of Mead Street, thereby preventing combined sewer overflows from storms of intensities less than or equal to the 25—year storm should the hydraulic grade line of the combined sewer exceed the hydraulic grade line of the incoming stormwater.

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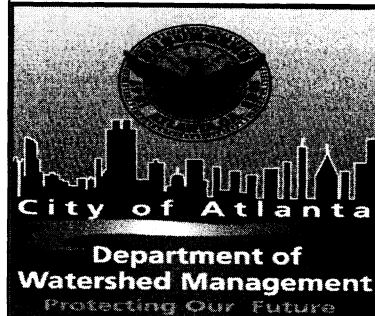
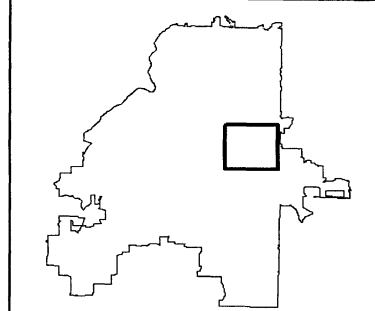
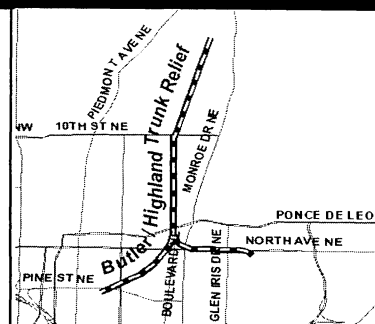
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	300,000	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	300,000	Local	Revenue Bond				
Consultant (524001)	75,000	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	0	675,000	0	0	0	0	0
							<b>Total</b>
							675,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	George Barnes		
<b>Project Name</b>	Butler Street/Highland Ave Trunk Relief Phase II & III		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>This project is to provide capacity relief improvements to Butler Street and Highland Ave combined sewers, and provides flood relief to those drainage basins up to the 25 year design storm.</p> <p>The project consists of two major elements, the Butler-Highland Relief Sewer system and a storage tunnel branching from the West Area CSO Tunnel. The relief sewer system consists of surface improvements and structures, a 17' x 14' arch tunnel about 500 feet in soft ground and 860 feet tunneling in mixed conditions, and hard rock tunneling 1150 feet of 10' diameter, 1000 feet of 13' diameter, and 1570 feet of 16' diameter tunnels. The branch tunnel for storage consists of about 1.4 miles of 27' diameter tunnel in hard rock, drop shaft, and control gate system.</p> <p>This phase will comprise implementation of the planned project and will include design, bidding, and construction.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 5, 6, 7		
<b>NPUs</b>	E, F, M, N, O, W		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	05/01/2007	<b>End Date</b>	12/12/2012
<b>Cost Estimate</b>	\$85,714,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$85,714,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	This project is required to eliminate basin-wide flooding problems and capacity limitations in the combined sewer system, which are required to be corrected by the First Amended Consent Decree (FACD) (Paragraph VIII.C.6.) by the schedule in the FACD (Paragraph VIII.C.8.).

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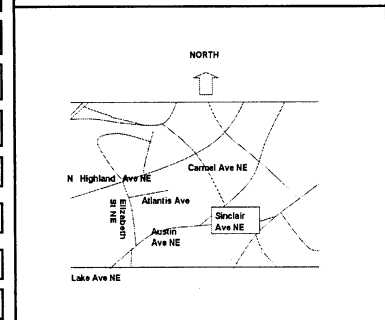
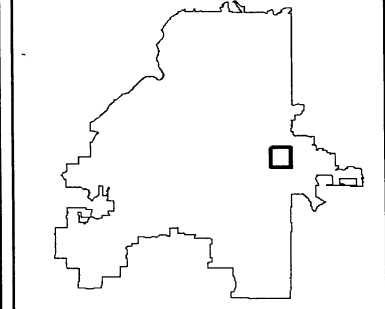
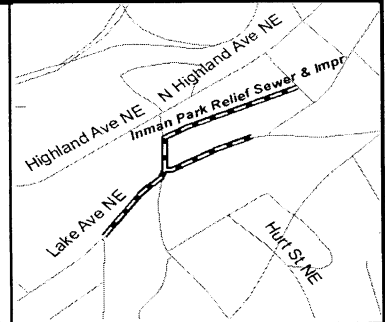
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	4,223,000	Local	Revenue Bond					
Easements(572001)	3,000,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	57,086,000	Local	Revenue Bond					
Consultant (524001)	21,405,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	11,200,000	0	27,216,100	38,738,000	8,559,900	85,714,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Inman Park Relief Sewer and Improvement		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The project consists of installing about 240 feet of a 60" diameter combined relief sewer to divert combined sewer flow for Austin Avenue to Atlantis Avenue and about 120 feet of 84" diameter relief sewer to divert combined flow from Atlantis Avenue to Elizabeth Street. This portion of work is Phase II and will require additional studies of the existing system extending further downstream. Installation of about 300 feet of new 36" storm sewer and 11 catch basins in Austin Avenue and about 230 feet 16" diameter sanitary sewer is also included. This portion of work is considered phase I and was completed during the week of April 17, 2005 with resurfacing of Austin Av to the intersection with Elizabeth Av. This was done in coordination with QLS sidewalk improvement program.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 5, 6		
<b>NPU's</b>	E, F, M, N, O, W		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	06/25/2002	<b>End Date</b>	12/01/2004
<b>Cost Estimate</b>	\$1,510,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$1,510,000	<b>Total UnFunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	This project is required to eliminate a localized flooding problem which when corrected would cause a capacity limitation in the combined sewer system and be required to be corrected by the First Amended Consent Decree (Paragraph VIII.C.6).

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	100,000	Local	Revenue Bond					
Easements(572001)	100,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	1,100,000	Local	Revenue Bond					
Consultant (524001)	210,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	1,510,000	0	0	0	0	0	0	1,510,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	Small Diameter Sewer Rehabilitation - Annual Contract		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide rehabilitation of individual sewersheds as well as emergency rehabilitation work identified by the Sewer Operations and Sewer Reconnaissance groups. Rehabilitation is needed to prolong the life of the existing system, and to remove extraneous flows that cause capacity problems in the sewers which might result in overflows, and that might require larger treatment plants.</p> <p>This project is a modification of the previous Annual Cured-in-Place Pipe Contract. The contract scope is the same as for the sewershed rehabilitation contracts for Sewer Groups 1 – 6 and allows the Department of Watershed Management critical flexibility to respond to emergency project needs. It also allows the Department flexibility to respond to needs that may not be scheduled in the Consent Decree-required non-contiguous priority groupings of sewersheds by Sewer Groups. Over time, as the sewer group rehabilitation contracts are implemented, it is anticipated that the size of this Small Diameter Rehabilitation – Annual Contract will diminish.</p> <p>This project category consists of presently un-identified individual projects that will be developed as described above. The projects that will be identified could involve rehabilitating sewers by cured-in-place pipe lining techniques, pipe bursting,</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPUs</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	04/01/2003	<b>End Date</b>	04/22/2006
<b>Cost Estimate</b>	\$25,970,960	<b>Estimated By</b>	
<b>Total Funded</b>	\$25,970,960	<b>Total UnFunded</b>	\$0

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>This is a necessary tool for the City for reducing I&amp;I and performing Emergency Sewer Repairs.</p> <p>Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) Reducing I/I decreases the quantity of flow in the system. This reduces the potential for overflows, reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7) and Paragraph VIII.C.8).</p>

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	25,970,960	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	25,970,960	0	0	0	0	0	0	25,970,960

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 08.01.002

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	Large Diameter Sewer Rehabilitation - Annual Contract		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide rehabilitation of individual large-diameter sanitary sewers as well as emergency rehabilitation work identified by the Sewer Operations and Sewer Reconnaissance groups. Rehabilitation is needed to prolong the life of the existing system, to prevent catastrophic failures, and to remove extraneous flows that cause capacity problems in the separate sanitary sewers which might result in overflows, and that might require larger treatment plants.</p> <p>This Contract covers the rehabilitation and maintenance of the man-entry combined sewers in the City's collection system (48" diameter and larger). The Contract will utilize high-strength, wear-resistant epoxy technologies and other methods as appropriate to rehabilitate these larger sewers. In addition the Contract will also involve cleaning and debris removal for these sewers, a void-identification and grouting program and rehabilitation of the manholes.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPUs</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	08/02/2004	<b>End Date</b>	06/22/2015
<b>Cost Estimate</b>	\$39,270,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$39,270,000

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<b>Employee Health &amp; Safety</b>	To improve the safe access arrangements on large diameter sewers, for the purpose of effective, inspection and cleaning of large diameter sewers, in accordance with modern standards.
<b>Consent Order/Regulatory Compliance</b>	This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7) and Paragraph VIII.C.8).
<b>Customer Service</b>	Pre-emptive rehabilitation extends the useful life of existing sewers. This mitigates the deterioration of the city's most critical assets within the sewer collection system.
<b>Service Capacity</b>	Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) Reducing I/I decreases the quantity of flow in the system.
<b>Service Reliability/Risk/Security</b>	This reduces the potential for overflows, reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This also prevents possible sewer collapse, which would expose the general public to extreme and costly endangerment.
<b>Cost Savings/Revenue Generation</b>	Provides for conveyance of inter-jurisdictional flows in accordance with inter-jurisdictional agreements. The inter-jurisdictional agreements contribute to the departments revenue collections or sources.
<b>Other</b>	This contract compliments existing small diameter rehab contract and also provides emergency rehabilitation support, required by the sewer operations and sewer reconnaissance group.

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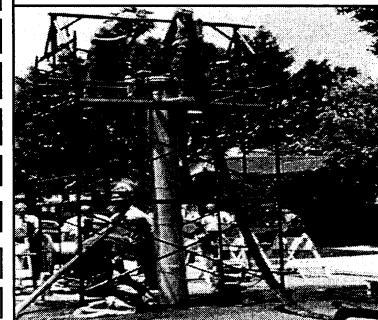
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	39,270,000	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	3,259,410	4,948,020	6,518,820	6,518,820	6,518,820	11,506,110	39,270,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	Large Diameter Clean, Find and Fix Contract - Annual Contract		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide rehabilitation of individual large-diameter sanitary sewers as well as emergency rehabilitation work identified by the Sewer Operations and Sewer Reconnaissance groups. Rehabilitation is needed to prolong the life of the existing system, to prevent catastrophic failures, and to remove extraneous flows that cause capacity problems in the separate sanitary sewers which might result in overflows, and that might require larger treatment plants.</p> <p>This Contract targets non-man entry sanitary sewers sized between 18"- 48" in diameter. Sewers of these larger diameters need specialized cleaning techniques due to both the amount of debris contained therein, as well as their typically difficult access locations. The vacuum trucks utilized by City forces and the SSES Program are not suited for this task. In addition to removing debris from these trunk sewers, this Contract will also perform CCTV &amp; Sonar reconnaissance on these lines to identify collapses and holes and make the appropriate point repairs. This Contract will be a critical aid to the Flow Modeling Program as holes in trunk sewers have been identified as the single biggest problem to obtaining accurate flow information. Currently the City relies upon this work to identify and eliminate this inflow problem.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPU's</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	08/02/2004	<b>End Date</b>	03/04/2018
<b>Cost Estimate</b>	\$42,000,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total Unfunded</b>	\$42,000,000

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<b>Employee Health &amp; Safety</b>	Improves the safe conveyance of flows as well as the working environment within which to inspect the structural condition of large diameter sewers.
<b>Consent Order/Regulatory Compliance</b>	This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7) and Paragraph VIII.C.8).
<b>Customer Service</b>	Pre-emptive cleaning extends the useful life of existing sewers and also provides a higher level of service for the city's most critical assets within the sewer collection system.
<b>Service Capacity</b>	De-silting sewers creates a larger cross-sectional flow condition, as well as a safer working environment for the inspection of sewers.
<b>Service Reliability/Risk/Security</b>	This reduces the potential for overflows and reduces capacity problems relating to debris and blockages. Regular cleaning offsets risk of pollution from CSO/SSO as well as reducing demands of the treatment process at the WRC's.
<b>Cost Savings/Revenue Generation</b>	De-silting would offset the large fines resulting in large spills.
<b>Other</b>	This contract compliments the large diameter rehab contract.

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	42,000,000	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	3,259,410	4,948,020	13,037,640	6,518,820	4,948,020	9,288,090	42,000,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	Flow Monitoring and Inspections		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	1. Provide approximately 25 temporary flow monitors, maintenance, and data gathering for the first six months of 2005 and a similar scope for the first six months of 2006 to support the hydraulic modeling of the City's sanitary and combined sewer system. 2. Provide ongoing maintenance on the existing "permanent" 125 flow monitors and 32 rain gages and data gathering/reporting. 3. Provide 1 year demo of a web-based interactive alarm, data analysis, and display system.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPUs</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	10/11/2003	<b>End Date</b>	10/23/2015
<b>Cost Estimate</b>	\$11,330,762	<b>Estimated By</b>	
<b>Total Funded</b>	\$2,250,762	<b>Total UnFunded</b>	\$9,080,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.1) System-wide flow and rainfall monitoring plan.
<b>Customer Service</b>	The flow monitoring can be used to determine the cause and possible solutions for residential or commercial property spills/overflows.
<b>Service Capacity</b>	The flow data is used to determine existing capacity and make projects for future growth of the sewer collection system. This includes the analysis of various components of flow.
<b>Service Reliability/Risk/Security</b>	The flow analysis will help to reduce the overflow spills and a reduction in stipulated penalties.
<b>Cost Savings/Revenue Generation</b>	To flow monitoring includes inter-jurisdiction revenue contributions. This facilitates occasional developer lead initiatives for the upgrade of sewers at no cost, minimal or shared cost to the City.
<b>Other</b>	1. Provide approximately 25 temporary flow monitors, maintenance, and data gathering for the first six months of 2005 and a similar scope for the first six months of 2006 to support the hydraulic modeling of the City's sanitary and combined sewer system. 2. Provide ongoing maintenance on the existing "permanent" 125 flow monitors and 32 rain gages and data gathering/reporting. 3. Provide 1 year demo of a web-based interactive alarm, data analysis, and display system.

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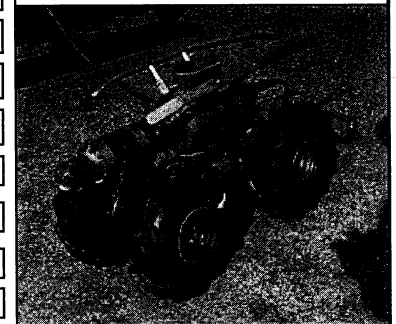
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	11,330,762	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	2,250,762	1,135,000	1,135,000	1,135,000	1,135,000	1,135,000	3,405,000	11,330,762

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	Pipeline Assessment, CCTV Inspection and Cleaning - Annual Contract		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>Citywide program of closed circuit TV (CCTV) inspection of existing pipeline condition and heavy cleaning.</p> <p>Following the completion of the SSES Activities two categories of on-going inspection will be needed. The first category identifies sewers requiring immediate rehabilitation. This work will be accomplished by the Sewer Group 1-6 sewer rehabilitation work and the ongoing annual sewer rehabilitation contracts.</p> <p>This project accomplishes the second category of needed work and provides routine sewer maintenance including, cleaning, root treatment, replacement of clean-out covers and CCTV monitoring, including any necessary remedial action.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPU's</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	09/12/2005	<b>End Date</b>	04/19/2015
<b>Cost Estimate</b>	\$17,250,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$17,250,000

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<b>Employee Health &amp; Safety</b>	The robotic condition assessment of sewers eliminates the need for man-entry access in structurally dangerous and flooded conditions.
<b>Consent Order/Regulatory Compliance</b>	The First Amended Consent Decree, paragraph V.B.III requires the routine assessment, inspection and cleaning of the sewer system.
<b>Customer Service</b>	Provides a cost effective means of establishing a structural and service condition of all sewers.
<b>Service Capacity</b>	Pipeline assessment facilitates identification of infiltration for subsequent removal by large and small diameter rehab contracts.
<b>Service Reliability/Risk/Security</b>	Pipeline assessment facilitates identification of structural defects to enable renewal by large and small diameter rehab contracts.
<b>Cost Savings/Revenue Generation</b>	Identification of structural and service defects facilitates remedial action to be implemented by large and small diameter rehab contracts. This results in an extended life of the sewer collection system and helps to reduce the overall cost and maintenance of the sewer collection system.
<b>Other</b>	This contract complements the Large Diameter Rehab and Large Diameter Cleaning contracts. This contract support the Sewer Operations and reconnaissance groups in emergency circumstances.

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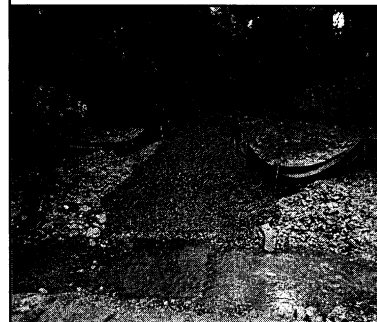
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	17,250,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	1,500,000	1,313,000	3,750,000	1,875,000	2,343,750	6,468,250	17,250,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	ROW Clearing - Annual Contract		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>This contract provides ongoing clearing of the wastewater collection system ROW as necessary to facilitate the maintenance on sewer easements and provides maintenance and establishment of necessary temporary construction access roads to accomplish the work.</p> <p>The City maintains approximately 250 miles of sewer easements, of which, approximately 150 miles requires periodic clearing.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPUs</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	11/09/2005	<b>End Date</b>	06/04/2018
<b>Cost Estimate</b>	\$6,050,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$6,050,000

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<b>Employee Health &amp; Safety</b>	Minimizes risk by providing more direct access to the sewer collection system.
<b>Consent Order/Regulatory Compliance</b>	Routine Inspection includes the requirement under the First Amended Consent Decree V.B.IV, to control vegetative growth in the Sewer Right of Ways.
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Continued clearing and grubbing mitigates the development of invasive root systems from trees and shrubs which cause blockages in the sewer collection system.
<b>Service Reliability/Risk/Security</b>	Provides for larger working space to carryout inspection, rehabilitation and maintenance work.
<b>Cost Savings/Revenue Generation</b>	By preventing invasive root systems from trees and shrubs, will help reduce the overall cost and maintenance cost of the sewer collection system.
<b>Other</b>	Provide access to existing sewer system for the purpose of caring out inspection, rehabilitation and maintenance work.

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	6,050,000	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	550,000	550,000	1,100,000	0	550,000	3,300,000	6,050,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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Project Manager

Project Name

Small Diameter Sewer Rehabilitation: Pipe Bursting - Annual Contract

Program

Sanitary Sewer Overflow (SSO)

Description

The purpose of this project category is to provide rehabilitation of individual sewersheds as well as emergency rehabilitation work identified by the Sewer Operations and Sewer Reconnaissance groups. Rehabilitation is needed to prolong the life of the existing system, and to remove extraneous flows that cause capacity problems in the sewers which might result in overflows, and that might require larger treatment plants.

The contract scope is the same as for the sewershed rehabilitation contracts for Sewer Groups 1 – 6 and allows the Department of Watershed Management critical flexibility to respond to emergency project needs. It also allows the Department flexibility to respond to needs that may not be scheduled in the Consent Decree-required non-contiguous priority groupings of sewersheds by Sewer Groups.

This project category consists of presently un-identified individual projects that will be developed as described above. The projects that will be identified could involve rehabilitating sewers by pipe bursting, horizontal directional drilling and conventional excavation. Manholes will also be rehabilitated under this contract. The ability to perform installation of house connection clean-outs and lateral rehabilitation are also included in this Contract.

Sponsor (Lead)

City of Atlanta

Council Districts

NPU

Length in Feet

Consent Decree

Yes

Start Date

06/13/2005

End Date

06/30/2009

Cost Estimate

\$27,794,060

Estimated By

Total Funded

\$0

Total UnFunded

\$27,794,060

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Employee Health &amp; Safety

Not applicable

Consent Order/Regulatory Compliance

This is a necessary tool for the City for reducing I&amp;I and performing Emergency Sewer Repairs.

Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) Reducing I/I decreases the quantity of flow in the system. This reduces the potential for overflows, reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7) and Paragraph VIII.C.8).

Customer Service

Not applicable

Service Capacity

Not applicable

Service Reliability/Risk/Security

Not applicable

Cost Savings/Revenue Generation

Not applicable

Other

Not applicable

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	366,000	Local	Revenue Bond					
Easements(572001)	853,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	24,381,060	Local	Revenue Bond					
Consultant (524001)	2,194,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	18,494,060	9,300,000	0	0	0	0	27,794,060

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lowell Chambers		
<b>Project Name</b>	Small Diameter Sewer Rehabilitation: CIPP - Annual Contract		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>The purpose of this project category is to provide rehabilitation of individual sewersheds as well as emergency rehabilitation work identified by the Sewer Operations and Sewer Reconnaissance groups. Rehabilitation is needed to prolong the life of the existing system, and to remove extraneous flows that cause capacity problems in the sewers which might result in overflows, and that might require larger treatment plants.</p> <p>The contract scope is the same as for the sewershed rehabilitation contracts for Sewer Groups 1 – 6 and allows the Department of Watershed Management critical flexibility to respond to emergency project needs. It also allows the Department flexibility to respond to needs that may not be scheduled in the Consent Decree-required non-contiguous priority groupings of sewersheds by Sewer Groups.</p> <p>This project category consists of presently un-identified individual projects that will be developed as described above. The projects that will be identified could involve rehabilitating sewers by cured-in-place pipe lining techniques and conventional excavation. Manholes will also be rehabilitated under this contract. The ability to perform installation of house connection clean-outs and lateral rehabilitation are also included in this Contract.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPU</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	06/13/2005	<b>End Date</b>	06/30/2009
<b>Cost Estimate</b>	\$27,794,060	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$27,794,060

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**Employee Health & Safety** Not applicable

**Consent Order/Regulatory Compliance** This is a necessary tool for the City for reducing I&I and performing Emergency Sewer Repairs.

Rehabilitation is anticipated to extend the life of these assets by 50 years while reducing inflow and infiltration (I/I) into the system. (I/I is extraneous flow into the system through cracks, holes, etc.) Reducing I/I decreases the quantity of flow in the system. This reduces the potential for overflows, reduces capacity problems, reduces the quantity of flow which must be treated at the treatment plants, and avoids unnecessarily increasing the size of pipelines and treatment plants to accommodate I/I. This work is required as part of the First Amended Consent Decree (FACD), (Paragraph VIII.C.7) and Paragraph VIII.C.8).

**Customer Service** Not applicable

**Service Capacity** Not applicable

**Service Reliability/Risk/Security** Not applicable

**Cost Savings/Revenue Generation** Not applicable

**Other** Not applicable

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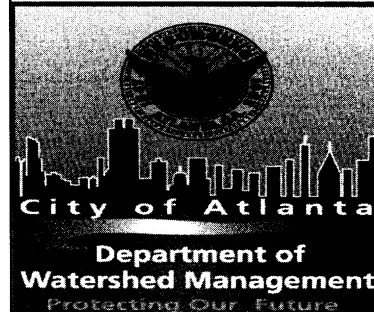
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	366,000	Local	Revenue Bond					
Easements(572001)	853,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	24,381,060	Local	Revenue Bond					
Consultant (524001)	2,194,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	18,494,060	9,300,000	0	0	0	0	27,794,060

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 08.01.091

Project Description

<b>Project Manager</b>	Robert Hunter		
<b>Project Name</b>	Program Management Services (SSO)		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	This includes the Program Management Services for the Clean Water Atlanta Program associated with the Consent Decree and First Amended Consent Decree projects, as well as Regulatory Compliance, and System Renewal or Operational Reliability projects. The program management services include: cost and schedule management, CSO remedial plan implementation, SSO remedial plan implementation, hydraulic modeling, land acquisitions, capacity certification, SSES, CSO Sampling, Water Quality Monitoring, GIS/Mapping, EPA Coordination (reporting), MOMS implementation, Public Information, and Interagency Relations/Funding.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPU's</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	04/01/2001	<b>End Date</b>	05/27/2008
<b>Cost Estimate</b>	\$60,546,517	<b>Estimated By</b>	
<b>Total Funded</b>	\$16,391,517	<b>Total Unfunded</b>	\$44,155,000



Justification

Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	Program management assistance to the Department of Watershed Management is necessary to maintain compliance with provisions of the CSO Consent Decree and the First Amended Consent Decree (FACD).

Cost

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	60,546,517	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	16,391,517	23,054,000	21,101,000	0	0	0	0	60,546,517

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 08.01.093

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<b>Project Manager</b>	Joe Basista		
<b>Project Name</b>	Supplemental Program Management Services		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>This includes the Program Management Services for the Clean Water Atlanta Program that will be necessary after the current A&amp;E contract expires in early 2008, through early 2011. The work would include associated with the Consent Decree and First Amended Consent Decree projects, as well as Regulatory Compliance, and System Renewal or Operational Reliability projects. The supplemental program management services would include: cost and schedule management, SSO remedial plan implementation, hydraulic modeling, land acquisitions, SSES, EPA Coordination and reporting, MOMS implementation, Public Information, and Interagency Relations/Funding.</p> <p>This is for services ending in Dec, 2011. This is additional services as requested by the Department of Watershed Management.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPUs</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	05/01/2007	<b>End Date</b>	04/29/2016
<b>Cost Estimate</b>	\$28,908,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$28,908,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Supplemental program management services will be necessary for continued compliance with the First Amended Consent Decree (FACD).
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Not applicable

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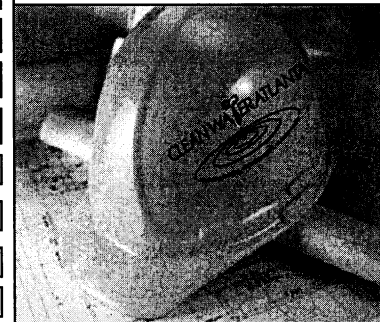
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	28,908,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	9,026,000	7,572,000	6,657,000	5,653,000	0	28,908,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 08.99.001

Project Description

<b>Project Manager</b>	Marcia Hurd-Wade		
<b>Project Name</b>	Construction Management Services		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	To provide Construction Management services for Consent Decree capital improvement projects. Services during final design include construction planning, contract packaging, and value engineering and constructability reviews. Services during construction include project management, construction management, construction administration, resident construction oversight, inspection, and testing coordination.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPU's</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	08/02/2004	<b>End Date</b>	09/27/2007
<b>Cost Estimate</b>	\$2,060,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$741,900	<b>Total UnFunded</b>	\$1,318,100



Justification

<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Due to the high level of construction activity and the stringent construction deadlines associated with the Consent Decrees, it is imperative that the City maintain construction management staffing at levels above that which would normally be provided by City personnel, and that continuity of staffing be maintained from project to project.

Cost

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	2,060,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	741,900	750,000	568,100	0	0	0	0	2,060,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 09.02.904

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<b>Project Manager</b>	Jerri Russell		
<b>Project Name</b>	STCTSOP - Force Main Corrosion Testing		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	This project is to complete the corrosion testing required on the Flint River, Bolton Road and Philip Lee Pump Station force mains as required under the Short Term Collection and Transmission System Operating Plan (STCTSOP)		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 9, 12		
<b>NPU's</b>	D, G, H		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	07/01/2001	<b>End Date</b>	12/31/2005
<b>Cost Estimate</b>	\$83,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$83,000	<b>Total UnFunded</b>	\$0

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	This work is required in the Short Term Collection and Transmission System Operating Plan (STCTSOP) which was developed to meet requirements which are outlined in Section VIII.B.2 of the First Amended Consent Decree (SSO).

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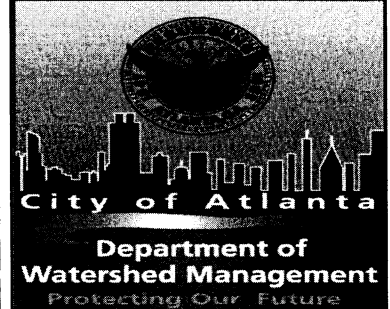
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	0	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	83,000	Local	Revenue Bond				
Consultant (524001)	0	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	83,000	0	0	0	0	0	<b>Total</b> 83,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 99.02.006

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<b>Project Manager</b>	Calculation		
<b>Project Name</b>	Reserve for Appropriations - First Amended Consent Decree (SSO)		
<b>Program</b>	Sanitary Sewer Overflow (SSO)		
<b>Description</b>	<p>These reserve amounts are established for the Clean Water Atlanta capital projects in the event of significant increases in the scope and cost of identified projects, or for new projects not foreseen at this time that are related to implementation of projects identified in the CIP, or for other justifiable and unforeseen factors. These amounts are in addition to any reserve for appropriations established by the Finance Department related to any bond obligation requirement. This reserve may be funded, as needed, by short term debt instruments, if not funded via bond funds.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPUs</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	Yes
<b>Start Date</b>	01/01/2005	<b>End Date</b>	12/31/2014
<b>Cost Estimate</b>	\$62,569,654	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$62,569,654

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	It is prudent to plan for unforeseen project costs at the initial phase of this large and comprehensive capital projects undertaking.

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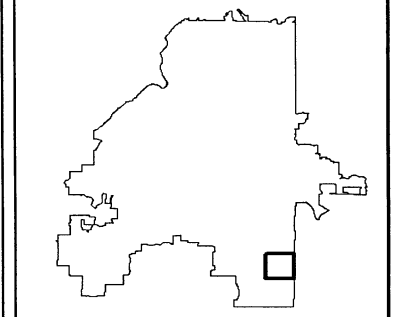
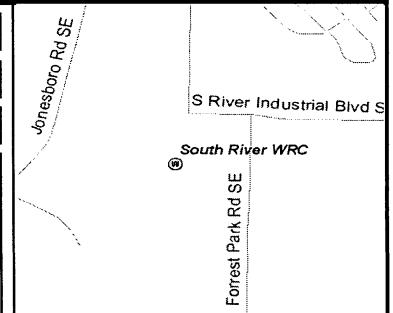
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	62,569,654	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	855,654	7,544,000	12,085,000	8,440,000	17,392,000	16,253,000	62,569,654

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 02.14.040

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<b>Project Manager</b>	David Winters		
<b>Project Name</b>	South River Energy System Reliability Improvements		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	This project includes the addition of a power electronic switch (PES) to speed up the switching of power between the existing dual power feed lines. This will eliminate many of the equipment shutdowns caused by power failure. Project is intended to be funded from a municipal lease, but may be reduced in scope and funded from capital funds. (\$3.1 million if funded from municipal lease. \$1.1 million if funded from capital funds.)		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 12		
<b>NPU</b>	Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	04/02/2007	<b>End Date</b>	04/01/2009
<b>Cost Estimate</b>	\$1,100,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$1,100,000

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	The time required for power transfer with the existing mechanical switchgear causes equipment to shut down. The new switchgear transfers power faster between the dual power feeds so the equipment does not shut down.

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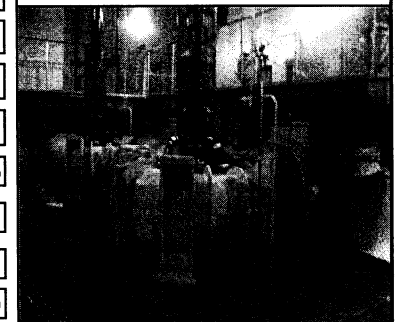
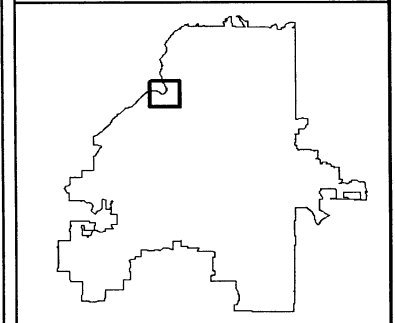
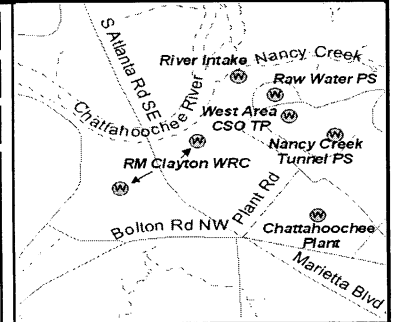
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	1,000,000	Local	Revenue Bond					
Consultant (524001)	100,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	1,100,000	0	0	0	0	1,100,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 02.17.900

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<b>Project Manager</b>	Rob Bush		
<b>Project Name</b>	RM Clayton - Compliance Upgrades		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>This project includes the five major groups of upgrades and modifications listed below. Key items of work are listed for each of the five groups. The justification for the work is enumerated at the far right of each group; consult legend in Justification section below:</p> <ol style="list-style-type: none"> <li>1. Modifications to Mixed Liquor Pump Station including replacement of the pump isolation valves on the suction and discharge side, providing redundant control power wiring, relocating all electrical and controls panels out of the basement.—1,2,3,6,</li> <li>2. Hydraulic Modifications to improve process flow including structural modifications to the Primary Influent Channel and modification of the Secondary Clarifier WAS/RAS system hydraulics.— 1,4,6</li> <li>3. The performance of a full plant short circuit and harmonic study.—1,4,6</li> <li>4. Electrical Upgrades including replacement of the 5 Kv Switchgear, updating electrical and process control panels, Foxboro upgrades, providing redundant power to various process-related control panels, and installing liquid level detection and monitoring.—1,2,3,6</li> <li>5. Miscellaneous Operational Upgrades including upgrading freeze protection at the secondary facilities, replacement of the TWAS centrifuge, upgrading the effluent filtration system, and upgrading the sodium hypochlorite storage and feed system.—2,3,5,6</li> </ol>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	8, 9		
<b>NPU's</b>	A, C, D		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	08/02/2004	<b>End Date</b>	05/22/2008
<b>Cost Estimate</b>	\$26,023,153	<b>Estimated By</b>	
<b>Total Funded</b>	\$2,115,153	<b>Total Unfunded</b>	\$23,908,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>The following list summarizes the justification for the above project elements. Each project element above lists the requirements that are driving each need to the right of the project title according to the following legend:</p> <ol style="list-style-type: none"> <li>1. Code/Permit Compliance</li> <li>2. Equipment Maintenance/Repair</li> <li>3. Replacement of Aged/Damaged Assets</li> <li>4. Capacity Improvement</li> <li>5. Treatment Improvement</li> <li>6. Process Control Improvement</li> <li>7. Safety</li> </ol>

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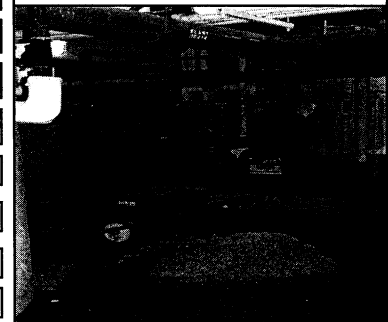
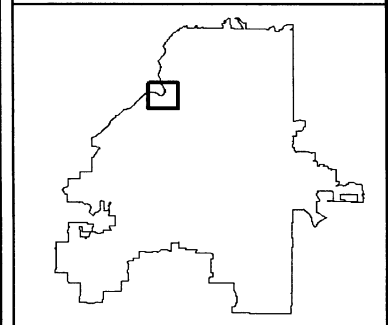
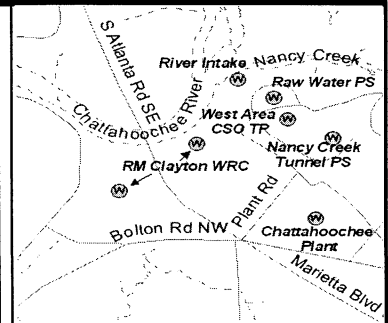
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	19,280,000	Local	Revenue Bond					
Consultant (524001)	6,743,153	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	2,115,153	11,254,383	12,653,617	0	0	0	0	26,023,153

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Rob Bush		
<b>Project Name</b>	RM Clayton - Grit Removal		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>The existing headworks influent channels will have fillets placed at the corners to prevent siltation. The grit system upgrades will be comprised of four new cyclone type grit concentrators and associated grit classifiers; four relocated screenings liquid separators, mounted on a platform; grit and screenings storage containers; bridge crane; odor control and heating and ventilation ductwork, heaters and fans; and all other appurtenances.</p> <p>New mechanical/hydraulic fluidizers, pumps and appurtenances will be installed on the four existing vortex grit tanks and piped to the grit classifiers. The four existing screenings pumps will be replaced with larger submersible type pumps and controls. Two new bridge cranes and two jib cranes will be installed in the bar screen room to facilitate preventive maintenance on the screens. A new disinfection system will be installed at the headworks for flows in excess of the plant capacity. The existing isolation sluice gates will be modified to accommodate greater flows through the bar screens, grit tanks, and the drum screens.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	8, 9		
<b>NPUs</b>	A, C, D		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	11/15/2004	<b>End Date</b>	08/29/2007
<b>Cost Estimate</b>	\$4,848,219	<b>Estimated By</b>	
<b>Total Funded</b>	\$748,219	<b>Total Unfunded</b>	\$4,100,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>Upgrades to the Headworks grit system are required immediately to minimize down time caused by damage and plugging of headworks and downstream equipment, piping, and process treatment structures and tanks that affects the Plant's ability to meet the NPDES permit and other requirements consistently. Permit violations can be detrimental to the City.</p>

The plant flows fluctuate daily, to in excess of 230MGD. These flow variations result in grit being alternately deposited and flushed at low and high flows, causing the plant to be slugged with grit to a point that the equipment, piping and process tanks are overwhelmed and failures occur. The plant is not equipped or staffed adequately to handle these massive failures. Typically, pumps, and piping and process equipment have to be disassembled for unplugging, repair and/or replacement and reassembled, process tanks taken out of service (each 2 million gallons) one by one, and grit and trash vacuumed out. These steps have to be taken each time heavy rains occur, several times a year. This is expensive and time consuming. In addition, the City is in the process of renewing the NPDES permit with Georgia EPD which it anticipated to be more stringent than the current permit to meet the proposed "Metro Limits". Meeting these new limits, when the plant flows are steadily increasing due to accelerated growth in the Clayton Plant's basins, will be compromised without these modifications

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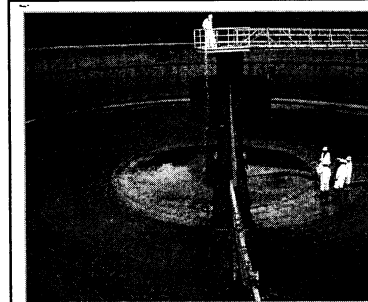
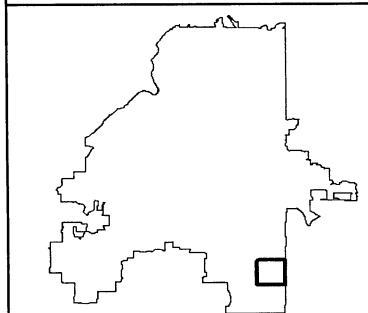
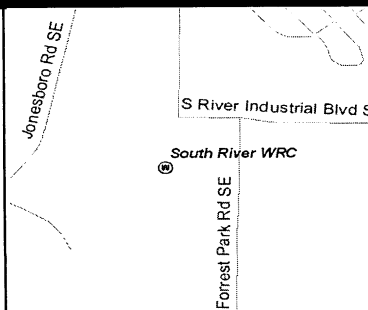
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	4,100,000	Local	Revenue Bond					
Consultant (524001)	748,219	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	748,219	4,100,000	0	0	0	0	0	4,848,219

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 02.18.900

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<b>Project Manager</b>	Paula Days		
<b>Project Name</b>	South River - Clarifier Upgrades		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	This project includes operational upgrades that are necessary to eliminate conditions that may lead to permit violations. Work includes rehabilitation of six secondary clarifier mechanisms, replacement of six secondary clarifier drives, demolition of the existing secondary scum system and installation of new pumps, piping, valves, spray systems.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 12		
<b>NPUs</b>	Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	10/01/2001	<b>End Date</b>	12/31/2006
<b>Cost Estimate</b>	\$3,862,400	<b>Estimated By</b>	
<b>Total Funded</b>	\$3,862,400	<b>Total UnFunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	This project includes upgrades that are related to NPDES permitting requirements. Facilities covered herein were not included in the Senate Bill 500 Phosphorus Control Upgrades and require rehabilitation.

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,514,000	Local	Revenue Bond					
Consultant (524001)	348,400	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	3,862,400	0	0	0	0	0	0	3,862,400

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	John Waddington		
<b>Project Name</b>	South River WRC Primary Clarifier Replacement		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>Project includes upgrades to an area of the plant which was not upgraded under the Senate Bill 500 Phosphorous Control Upgrades. The existing metal chain and flight sludge removal mechanisms will be replaced with plastic chain and flight materials. In addition an engineering study of the performance and capacity of the clarifiers will be undertaken to determine if expansion or replacement of the primary clarifiers is necessary.</p> <p>Maintenance of the chain conveyor systems which operate the clarifiers is proving extremely costly, both in terms of materials and labor to undertake the work. A recent "labor only" quotation to repair three North Primaries was approaching \$300,000 with the city supplied materials possibly contributing an additional \$150,000</p> <p>Historically, the reliability of the clarifiers has shown that a minimum of one clarifier will always be out of service for repair, reducing the capacity by 12.5%. For a number of years the plants have operated with three of the eight clarifiers out of service.</p> <p>The Design capacity of the existing clarifiers (all 8) is 50 MGD. The equipment performs very poorly during storms and heavily taxes the use of both the operators and maintenance staff.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>			
<b>NPUs</b>			
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	10/01/2006	<b>End Date</b>	11/19/2010
<b>Cost Estimate</b>	\$1,750,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$1,750,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	The current 8 rectangular primary clarifiers are rated at 50 MGD. Historically, there has always been one or more clarifiers out of service at any time for maintaining the metal chain and flight sludge collector mechanisms which reduces the primary sedimentation capability of the plant to less than 43 MGD. Even minor storm flows require to be by-passed to the aeration basins.
<b>Service Reliability/Risk/Security</b>	Ineffective primary sedimentation and scum removal places undue stress on downstream processes leading to high sedimentation in the aeration basins (causing poor air diffusion), excessive scum in the final clarifiers and ultimately to high backwash rates on the filters.
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	The high cost (\$1.2M per annum, based on recent quotations) and labor intensive effort required to maintain 7 of the eight rectangular clarifiers to provide a maximum of 43MGD capacity, indicates that a lower maintenance system of sludge removal mechanisms or possibly new circular clarifiers providing a capacity of 85MGD (in line with anticipated future flows) without by-passing and would be highly beneficial in meeting capacity issues and reducing the stress on the downstream processes.

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	1,426,000	Local	Revenue Bond					
Consultant (524001)	324,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	1,750,000	0	0	0	0	0	1,750,000

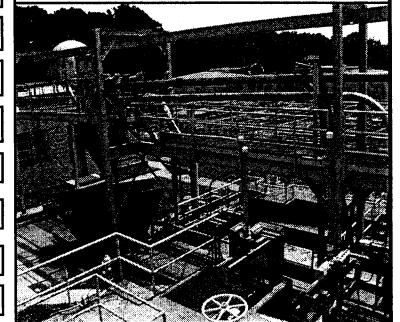
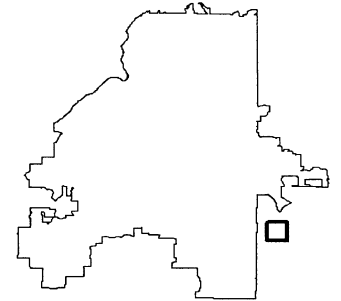
## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Paula Days		
<b>Project Name</b>	Intrenchment Creek WRC General Improvements		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	This project includes upgrading the grit removal system at the headworks, providing a permanent repair for the previously damaged section of the South River effluent force main, replacing Primary Sludge Pump No. 6 with a centrifugal pump (including all associated electrical upgrades) and upgrading exterior plant lighting.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1		
<b>NPUs</b>	W, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	12/01/2005	<b>End Date</b>	04/05/2007
<b>Cost Estimate</b>	\$811,962	<b>Estimated By</b>	
<b>Total Funded</b>	\$748,246	<b>Total UnFunded</b>	\$63,716

Intrenchment Creek CSO Treatment Plant  
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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>The grit removal process at the headworks currently causes significant wear on the conveyance system components. These upgrades will improve grit collection and ensure continuous operation of the grit removal system which is necessary for NPDES permit compliance.</p> <p>In 1998 the SR effluent main was damaged and a temporary repair was made. This work will verify that the previous repair is adequate or a permanent repair will be constructed. Failure of this line would preclude all discharge from the South River WRC.</p> <p>Recurring problems with Primary Sludge Pump No. 6 necessitate its replacement.</p> <p>The existing high mast lights can no longer be raised and lowered for maintenance. Upgrading and/or replacing these lights will increase the cost effectiveness of providing exterior lighting for the plant.</p>

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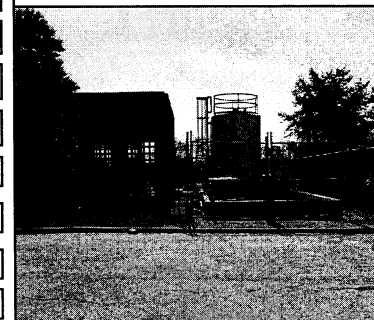
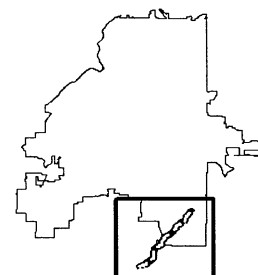
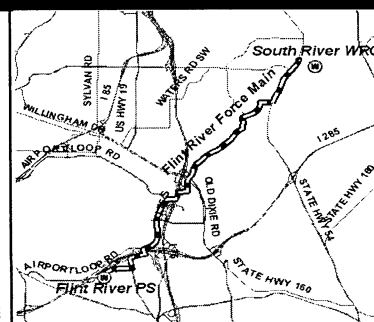
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	0	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	600,000	Local	Revenue Bond				
Consultant (524001)	211,962	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	748,246	63,716	0	0	0	0	0
							<b>Total</b>
							811,962

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	John Reinhard		
<b>Project Name</b>	Flint River Pump Station Replacement		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>This project includes replacing the existing 15 mgd, two-stage pump station with a single stage submersible pump station (up to 25 mgd) with 5 million gallons of storage. The work includes building a new pump station on the existing site and rehabilitating the existing pump station. The site for the new pump station and the replacement date will be determined by the master plan, the Program Management Team hydraulic study, the Airport expansion impacts, and the PSAT energy study.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	Outside City Limits - CD		
<b>NPU</b>	Outside City Limits - NPU		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/01/2009	<b>End Date</b>	02/01/2013
<b>Cost Estimate</b>	\$14,850,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$14,850,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>The existing two-stage pumping system is not energy efficient. Peak flows (+17 mgd) exceed the present capacity of the pump station (14.5 mgd). The existing pump station is a retrofit and cannot be easily maintained. A recent &gt;\$500,000 emergency upgrade of the 1st stage pump station has extended the life for about 5 years. May have to do some interim improvements at 2nd stage to extend capacity such as repiping pump storage to utilize more of it during a storm event. Cost numbers updated to reflect higher than expected prices on bids and to include new pump storage rather than keeping existing. Cannot maintain existing pump storage and EPD wants regular maintenance. Need to replace station by 2010.</p>

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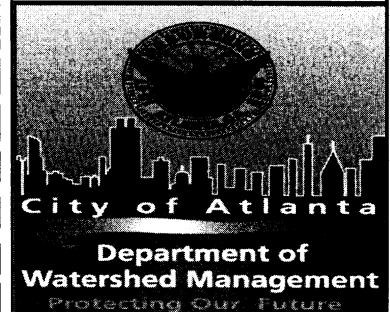
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	100,000	Local	Revenue Bond					
Easements(572001)	50,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	12,250,000	Local	Revenue Bond					
Consultant (524001)	2,450,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	0	0	1,225,000	13,625,000		

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Jerri Russell		
<b>Project Name</b>	Watershed Master Plan		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>The overall scope of work is to develop and implement a Watershed Master Plan (WMP) that provides a long-range planning basis for the development of the City's watershed systems and facilities. The WMP will identify projects anticipated to be needed over the next 25 years, and will provide cost and scheduling information appropriate for the anticipated timeframe of the project development. The WMP will be based on the City's planning vision and financial plan, as well as regional and inter-jurisdictional watershed planning. The WMP will include projects associated with regulatory requirements, infrastructure needs, and cost-reduction opportunities. The scope of work includes developing the system and procedures necessary to provide for the ongoing maintenance and development of the Watershed Master Plan by City staff.</p> <p>Due to the funding source (water and sewer bonds) the work is limited to the water and wastewater systems, except as stormwater is directly related to water and wastewater work (CSO's, TMDL's, etc.)</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPU's</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	08/21/2001	<b>End Date</b>	03/05/2007
<b>Cost Estimate</b>	\$3,500,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$3,500,000	<b>Total Unfunded</b>	\$0

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	This project develops a coordinated planning basis for developing Wastewater System projects. In doing so the project provides for the realization of significant cost-savings to the City as a result of advanced identification of City needs, ability to focus time and effort in the correct places, providing adequate time to accomplish necessary objectives such that work can be properly completed the first time around, and avoiding duplication of work by coordinating cross-departmental efforts.

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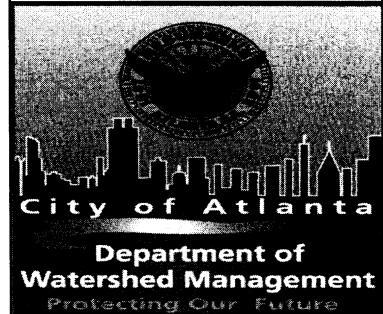
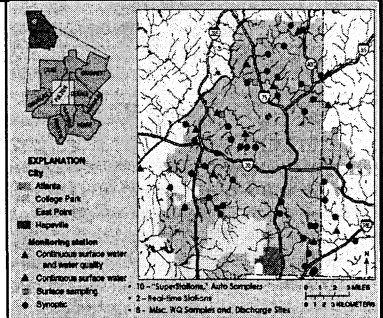
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	3,500,000	Local	Revenue Bond					
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>	<b>Total</b>
Revenue Bond	3,500,000	0	0	0	0	0	0	3,500,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 07.03.001

Project Description

<b>Project Manager</b>	Tracy Hillick		
<b>Project Name</b>	Watershed Monitoring Program		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>The following tasks will be performed to implement the Watershed Monitoring Program for all major watersheds within City limits, including Nancy, Peachtree, Proctor, Sandy, Lullwater, Utoy Creeks as well as the South River:</p> <p>Task 1-Project initiation, organization and planning;  Task 2-Station selection, setup and installation to meet the monitoring objectives of the program, and develop a network that collects reliable data;  Task 3-Water quality monitoring, maintenance, and data retrieval;  Task 4-Biological monitoring to evaluate (biannually) the response of biotic integrity to watershed improvements;  Task 5-Data management and reporting;  Task 6-Public involvement;  Task 7-Watershed management plan to develop realistic, flexible frameworks for watershed management that improve aquatic and biotic integrity and can be successfully implemented.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPUs</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	06/29/2001	<b>End Date</b>	11/07/2007
<b>Cost Estimate</b>	\$8,583,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$6,262,250	<b>Total UnFunded</b>	\$2,320,750



Justification

<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>Implementation of a comprehensive Long-term Monitoring Program for all major watersheds within the City Limits, will enable the collection of data needed to satisfy current and potential future regulatory requirements and meet other program objectives, as follows:</p> <ul style="list-style-type: none"> <li>• Document stream improvements and any pollutant reduction</li> <li>• Relieve the City of the event-driven SSO Consent Decree requirements</li> <li>• Consolidate water quality and discharge sampling requirements</li> <li>• Satisfy WMP requirements associated with future wastewater discharge permit expansions</li> <li>• Assess baseline conditions and identify sources of impairment</li> <li>• Document stream improvements and identify new programs to address streams</li> <li>• Implement a public involvement program to educate and involve the public, which in turn provides the mandate for elected officials to balance economic development with environmental protection.</li> <li>• Provide a data management system to efficiently utilize available data, by developing a framework that helps store, retrieve, analyze, and report the data being collected.</li> </ul>

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	8,583,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	6,262,250	2,320,750	0	0	0	0	0	8,583,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Rob Bush		
<b>Project Name</b>	Bio-Solids Management Services		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	This project is for the capital portion of the Long-Term Biosolids Management Services Contract (FC-7338-01). The Long-Term Biosolids Management Services Contract project includes biosolids management at the RM Clayton, Utoy Creek, South River and Intrinchnent Creek WRC's.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPU's</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	09/01/2002	<b>End Date</b>	10/29/2007
<b>Cost Estimate</b>	\$39,069,919	<b>Estimated By</b>	
<b>Total Funded</b>	\$37,048,674	<b>Total UnFunded</b>	\$2,021,245



New Digester Mixing Pump Being Installed at Utoy

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	In 2002 the City signed a contract with US Filter for the phased implementation of the long-term biosolids management services. These services include the design, construction, operation and maintenance of a well-managed, efficient and cost-effective Biosolids system capable of satisfying the Total Beneficial Reuse Milestone.

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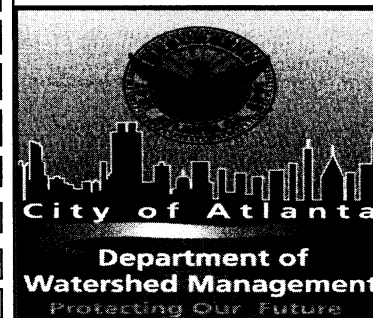
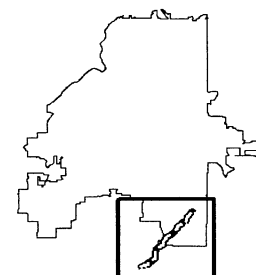
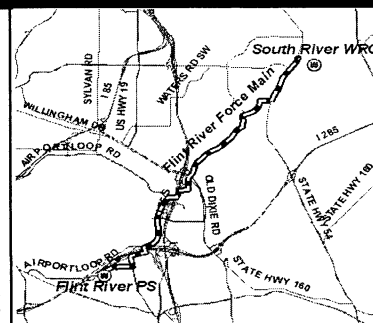
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	35,286,919	Local	Revenue Bond					
Facilities (574001)	0	Local	Revenue Bond					
Consultant (524001)	3,783,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	37,048,674	2,021,245	0	0	0	0	0	39,069,919

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 09.02.901

Project Description

<b>Project Manager</b>	Paula Days		
<b>Project Name</b>	Flint River Force Main Phase I		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>Phase 1 of the Flint River Force Main project includes the replacement of sections of the 24" Flint River Transmission Main that are determined to be a public safety hazard. (Work includes both gravity and pressurized sections). These sections will be replaced with 30" lined DIP.</p> <p>Phase 1A replaced 1405 feet of pipe from the high point (STA 149+50) to the railroad tracks (STA 135+33).</p> <p>Phase 1B will replace a 3200 foot section along School Drive and Jonesboro Rd (STA 54.90 to STA 24+00) and includes some point repairs.</p> <p>The Phase 1C scope will be determined upon completion of the pipeline evaluation survey and will replace deteriorated sections of the gravity and pressurized pipe.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 12		
<b>NPU's</b>	Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	09/01/2002	<b>End Date</b>	07/26/2006
<b>Cost Estimate</b>	\$8,612,522	<b>Estimated By</b>	
<b>Total Funded</b>	\$1,352,023	<b>Total Unfunded</b>	\$7,260,499



Justification

<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	The pipeline has experience significant deterioration in various locations due to hydrogen sulfide attack. The extent of replacement needed due to corrosion continues to be evaluated at this time. Future increased capacity needs rule out slip lining the pipe and support increasing the size of the line.

Cost

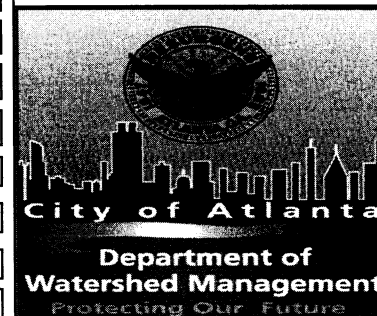
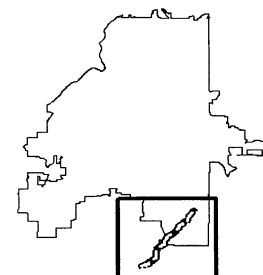
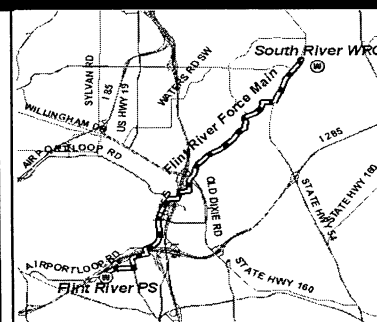
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	80,000	Local	Revenue Bond					
Easements(572001)	120,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	7,060,499	Local	Revenue Bond					
Consultant (524001)	1,352,023	Local	Revenue Bond					
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>	<b>Total</b>
Revenue Bond	1,352,023	7,260,499	0	0	0	0	0	8,612,522

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 09.02.902

Project Description

<b>Project Manager</b>	Paula Days		
<b>Project Name</b>	Flint River Force Main Phase II		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	Phase 2 of the Flint River Force Main project includes replacing the remaining 24" diameter gravity portion of the pipeline. This includes from STA24+00 to the start of the DOT SR54 upgrade (STA6+50) and from the end of the DOT SR54 upgrade to the end of the pipeline, including the portion of the pipeline located within the South River WRC. These sections will be replaced with 30" lined DIP. Total replacement length is estimated at 2,750 ft.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 12		
<b>NPUs</b>	Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	05/02/2005	<b>End Date</b>	10/06/2007
<b>Cost Estimate</b>	\$3,175,304	<b>Estimated By</b>	
<b>Total Funded</b>	\$315,304	<b>Total Unfunded</b>	\$2,860,000



Justification

Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	The pipeline has experience significant deterioration in various locations due to hydrogen sulfide attack. The extent of replacement needed due to corrosion is being evaluated at this time. Future increased capacity needs rule out slip lining the pipe and support increasing the size of the line.

Cost

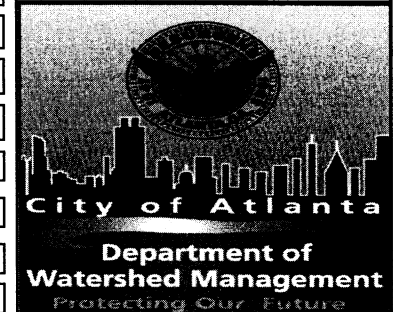
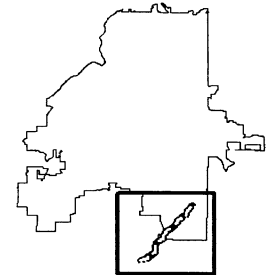
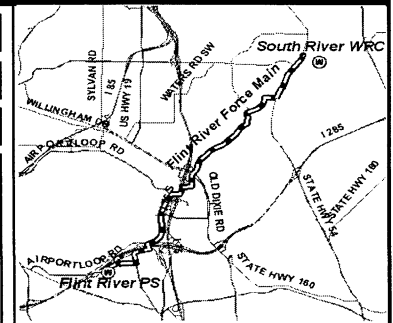
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	2,600,000	Local	Revenue Bond					
Consultant (524001)	575,304	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	315,304	2,860,000	0	0	0	0	0	3,175,304

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 09.02.903

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<b>Project Manager</b>	Paula Days		
<b>Project Name</b>	Flint River Force Main Phase III		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	This work includes replacing the existing force main from the Flint River pump station to the high point located at the intersection of Central Avenue with Brown's Mill Road with approximately 15,000 linear feet of 30-inch DIP.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 12		
<b>NPUs</b>	Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	06/01/2007	<b>End Date</b>	09/03/2009
<b>Cost Estimate</b>	\$12,000,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total Unfunded</b>	\$12,000,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Corrosion analysis in conjunction with capacity requirements is anticipated to dictate that this entire section of the line be replaced. (Peak flow to the pump station currently equals available capacity.) Growth projections determined as part of the Watershed Master Plan, in conjunction with hydraulic modeling, will determine when the capacity is expected to be exceeded.

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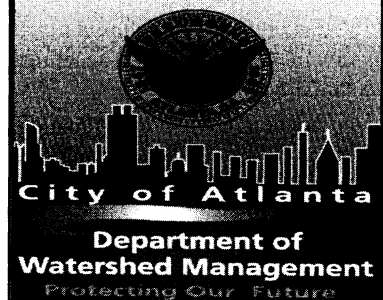
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	10,505,000	Local	Revenue Bond					
Consultant (524001)	1,495,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	11,125,000	875,000	0	0	0	12,000,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Calculation		
<b>Project Name</b>	Reserve for Appropriations - Regulatory or Contract Compliance		
<b>Program</b>	Regulatory/Contract Compliance		
<b>Description</b>	<p>These reserve amounts are established for the Clean Water Atlanta capital projects in the event of significant increases in the scope and cost of identified projects, or for new projects not foreseen at this time that are related to implementation of projects identified in the CIP, or for other justifiable and unforeseen factors. These amounts are in addition to any reserve for appropriations established by the Finance Department related to any bond obligation requirement. This reserve may be funded, as needed, by short term debt instruments, if not funded via bond funds.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12		
<b>NPU's</b>	A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, V, W, X, Y, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/01/2005	<b>End Date</b>	12/31/2009
<b>Cost Estimate</b>	\$4,207,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$4,207,000

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	It is prudent to plan for unforeseen project costs at the initial phase of this large and comprehensive capital projects undertaking.

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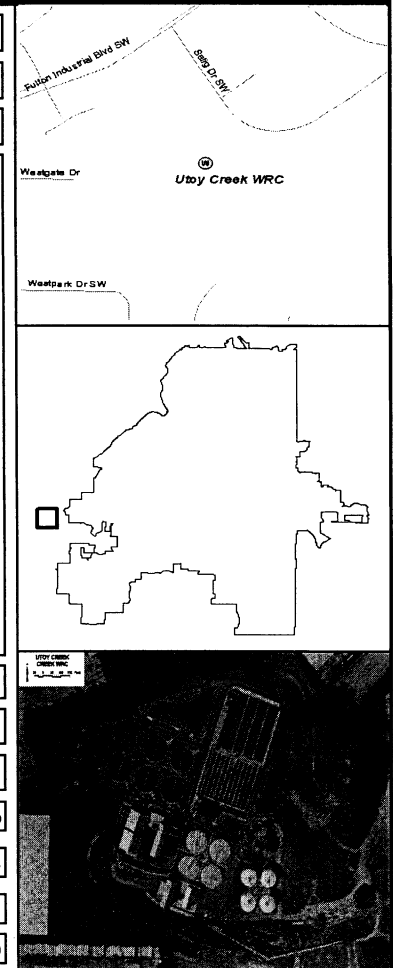
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	4,207,000	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	1,170,000	1,557,000	380,000	60,000	540,000	500,000	4,207,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Marcia Hurd-Wade		
<b>Project Name</b>	Utoy Creek - Maintenance Building Improvements		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	This project includes the design and construction of a maintenance building for the Utoy Creek WRC.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	10		
<b>NPU</b>	H, I, P, R		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	11/01/2005	<b>End Date</b>	08/29/2008
<b>Cost Estimate</b>	\$1,962,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$1,962,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	The Utoy Creek WRC does not currently have a maintenance building. Maintenance performed on site is conducted in borrowed space around the site, which is not necessarily well suited for such work, but is all that is available. This project will provide suitable space for performing maintenance that is most cost-effectively performed on site.

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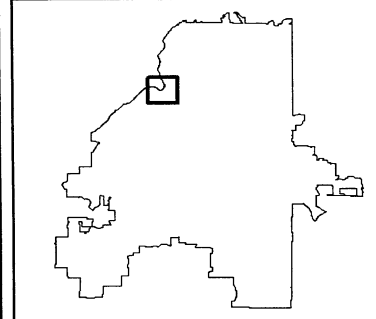
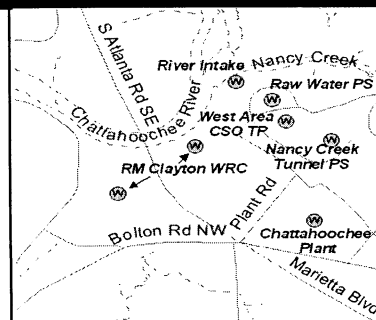
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	0	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	1,582,000	Local	Revenue Bond				
Consultant (524001)	380,000	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	0	1,553,000	409,000	0	0	0	0
							<b>Total</b>
							1,962,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Bill Brigham		
<b>Project Name</b>	RM Clayton - Landscaping Improvements		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>This project includes the installation of a trail, buffer and landscaping improvements along the perimeter of the RM Clayton facility. Improvements which are currently underway include improving the landscaping at the facility entrance and along Marietta Road, Bolton Road and Barnett Drive. Long-term improvements include further improvements to the site entrance, the installation of a trail, and additional landscaping and buffer improvements along the site perimeter. The long-term improvements can not be effectively implemented until construction at the RM Clayton facility (e.g. construction of the Nancy Creek pump station and tunnel, the West Area CSO facility and the West Area CSO tunnel) is complete.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	8, 9		
<b>NPUs</b>	A, C, D		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	08/01/2001	<b>End Date</b>	05/10/2007
<b>Cost Estimate</b>	\$2,836,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$2,836,000	<b>Total Unfunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	These improvements were developed as part of the Good Neighbor Program in conjunction with the plant upgrades constructed as part of the phosphorus removal program.

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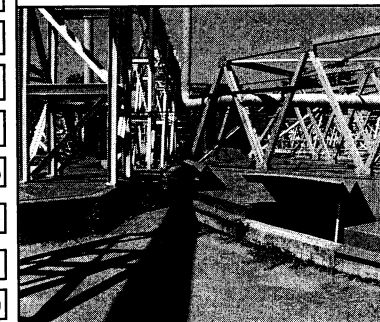
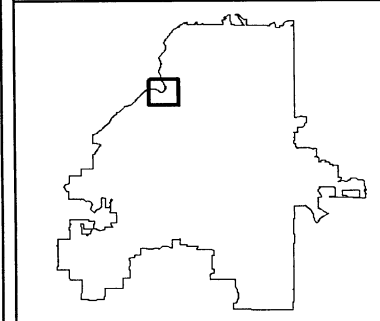
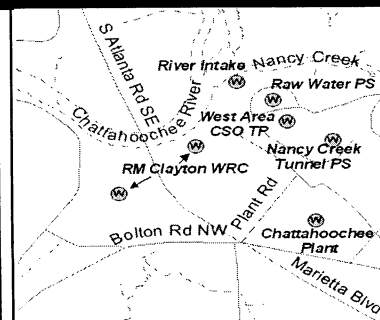
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	2,586,000	Local	Revenue Bond					
Consultant (524001)	250,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	2,836,000	0	0	0	0	0	0	2,836,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 02.17.050

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<b>Project Manager</b>	Rob Bush		
<b>Project Name</b>	RM Clayton - Primary Area Upgrades		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	This project includes upgrades to Area Drainage Building, modifications to the odor control ductwork located in the Primary Area, structural repairs in the primary sludge pump house and tunnels, installation of liquid level detection and monitoring in the primary sludge pump house basement, replacement of the primary clarifier scum pumps, replacement of the primary clarifier area drainage system, and the replacement of significant portions of the process and utility piping located in the Primary Area including the primary sludge piping system, the centrifugal pumping system, and storm drain piping.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	8, 9		
<b>NPUs</b>	A, C, D		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	08/02/2004	<b>End Date</b>	01/30/2009
<b>Cost Estimate</b>	\$5,412,555	<b>Estimated By</b>	
<b>Total Funded</b>	\$1,772,366	<b>Total UnFunded</b>	\$3,640,189

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	These facilities were not upgraded as part of Senate Bill 500 Phosphorus Control Upgrades. Repairs to the buildings and tunnels are required to maintain structural integrity and prevent leakage. The piping systems have reached, or are approaching, the end of their useful life.

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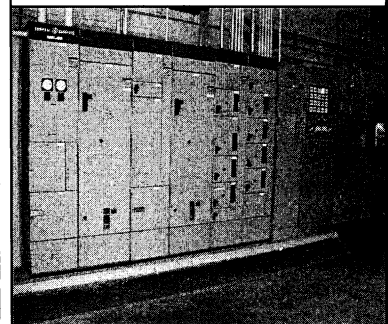
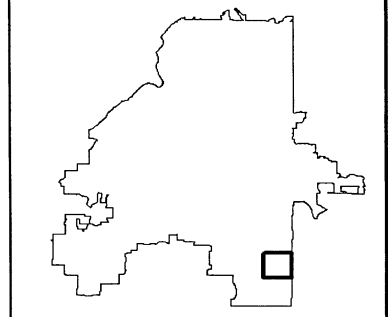
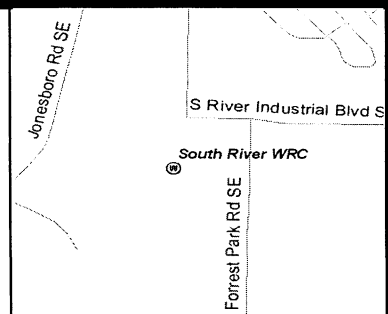
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,640,189	Local	Revenue Bond					
Consultant (524001)	1,772,366	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	1,772,366	3,640,189	0	0	0	0	0	5,412,555

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	John Waddington		
<b>Project Name</b>	South River - Small Capital Projects		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>This project includes a number of individual projects that are required at the South River WRC that are not large enough in magnitude to require separate CIP entries. These projects are intended to be implemented over multiple years. (See funding schedule below.) The justification for each work item is enumerated at the far right of each line item; consult legend in Justification Section below. The individual projects are as follows:</p> <p>A. Replace the electrical panel and MCCs at the Jonesboro Road Pump Station and integrate into the Foxboro Distributed Control System-2,3,6          B. Replace Controls on WAS and RAS pumps, rebuild check valves (and piping) and install isolation valves downstream.-2,3, 5,6          C. Replace South primary scum pumping system and clear North and South Primary Pumping Stations drains and replace sump pumps and controls-1,2          D. Replace existing plant wide re-use water system with alternative system which is not reliant on pumped water storage.-2,3          E. Improvements to Sodium Hypochlorite dump tank system to provide effective dosing in the event of partial short term power failure or prolonged total power failure.-1,5,6          F. Modifications to the start conditions of the filter backwash blowers to provide for off-load start-up.-6,7</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 12		
<b>NPU</b>	Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/03/2006	<b>End Date</b>	03/03/2011
<b>Cost Estimate</b>	\$4,622,150	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total Unfunded</b>	\$4,622,150

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>The following list summarizes the justification for the above project elements. Each project element above lists the requirements that are driving each need to the right of the project title according to the following legend:</p> <ol style="list-style-type: none"> <li>1. Code/Permit Compliance</li> <li>2. Equipment Maintenance/Repair</li> <li>3. Replacement of Aged/Damaged Assets</li> <li>4. Capacity Improvement</li> <li>5. Treatment Improvement</li> <li>6. Process Control Improvement</li> <li>7. Safety</li> </ol>

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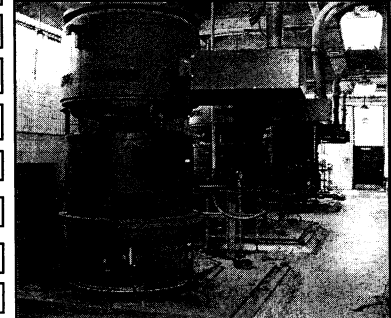
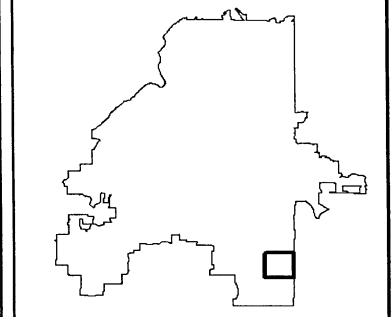
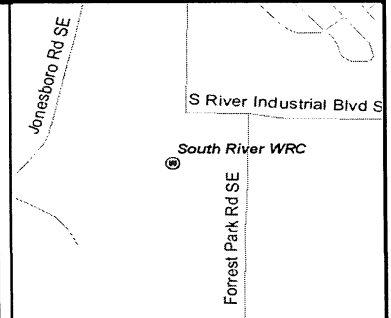
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,746,150	Local	Revenue Bond					
Consultant (524001)	876,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	202,000	1,816,000	271,000	2,333,150	0	0	4,622,150

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 02.18.903

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<b>Project Manager</b>	John Waddington		
<b>Project Name</b>	South River WRC Effluent Pumping Station Upgrade		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	This project includes upgrading the pumping station and/or providing storage to handle current and future peak flows that are projected to reach 110mgd. Work also includes upgrading the control system and the electrical equipment, as well as replacing the pump discharge piping and valves.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 12		
<b>NPU</b>	Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	08/02/2004	<b>End Date</b>	08/01/2008
<b>Cost Estimate</b>	\$1,750,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$1,750,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Consent Order requirement that the pump station should meet maximum flows with the largest or equal pump out of service indicates that the pump station needs to be upgraded to meet current and anticipated future peak flows.
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Obsolete controls make repair and maintenance extremely difficult resulting in prolonged downtime and high levels of unreliability.
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	This pump station is approaching 20 years of age and needs to be upgraded to restore capacity. The capacity of the existing pump station (71mgd) was reached in 2003. Additional capacity is anticipated to be required as a result of the ongoing sewer system improvements. In order to comply with the South River National Pollutant Discharge Elimination System (NPDES) permit, this pump station must have adequate capacity to pump the flow treated at the South River WRC.

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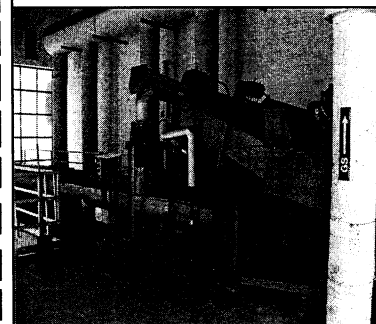
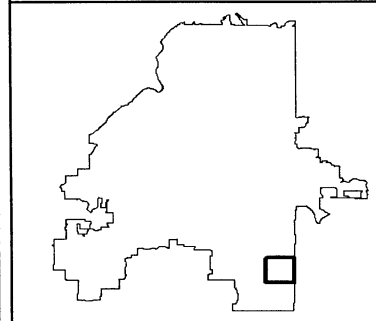
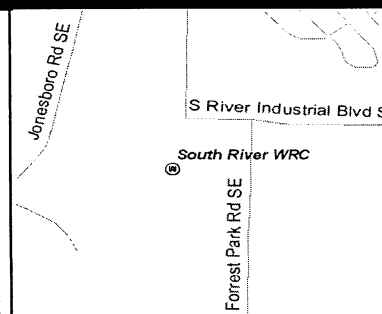
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	0	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	1,044,000	Local	Revenue Bond				
Consultant (524001)	706,000	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	0	1,530,000	220,000	0	0	0	0
							<b>Total</b>
							1,750,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	John Waddington		
<b>Project Name</b>	South River - Upgrade of Solids Handling at Headworks		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	This project involves replacing the failed/failing solids handling equipment in the Bar Screen Area, the Grit and Dumpster Area, and the Drum Screen Compactor Area, with four simplified conveying systems. All four conveyors will be of identical design with full commonality of parts. The proposed conveying system is currently in use at the Jonesboro Road Influent Station and has proven to be a reliable and easily maintained system.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 12		
<b>NPU</b>	Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	10/11/2004	<b>End Date</b>	04/29/2007
<b>Cost Estimate</b>	\$877,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$877,000	<b>Total Unfunded</b>	\$0

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<b>Employee Health &amp; Safety</b>	Failure of the existing equipment requires operators to manually transport screenings from the bar screens to the dumpsters placing them at substantial health risk.
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Failure of the preliminary treatment areas results in overloading of downstream processes causing premature failure of equipment and loss of capacity.
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	The project is required due to the poor condition and functionality of the solids conveying systems in the preliminary treatment area. The inability of the existing systems to effectively handle the material results in blockage of equipment, increased wear and tear on the equipment, and the need for constant attention from maintenance personnel. Eight out of twelve conveyors/compactors are out of service and the remainder are likely to fail within 6-12 months. If the problems are not resolved they will result in overloading and premature failure of downstream processes.

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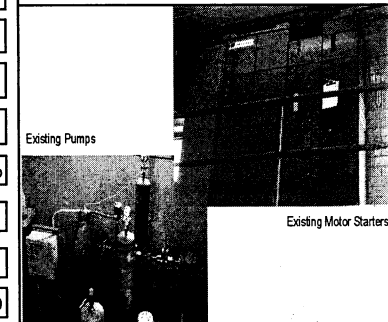
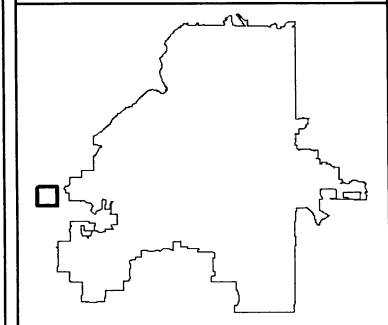
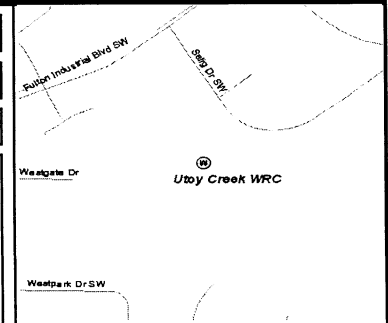
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	792,000	Local	Revenue Bond					
Consultant (524001)	85,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	877,000	0	0	0	0	0	877,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	David Winters		
<b>Project Name</b>	Utoy Creek - Small Capital Projects		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>This project includes a number of individual projects that are required at the Utoy Creek WRC that are not large enough in magnitude to require separate CIP entries. These projects are intended to be implemented over multiple years. (See funding schedule below.) The justification for each work item is enumerated at the far right of each line item; consult legend in Justification Section below. The individual projects are as follows:</p> <p>A. Primary Sludge Pumping Station Rehabilitation – 1, 2, 3, 5          B. Sodium Hypochlorite for Nocardia Foam Removal – 5          C. Ferric Chloride Addition System upstream of Filtration – 4, 5          D. Alkalinity Meter in Mixed Liquor Channel – 6          E. Permanent Dewatering of Electrical Manholes near Secondary Clarifiers – 2          F. Miscellaneous Lifting Equipment Improvements – 2, 3          G. Potable Water System Analysis and Fire Hydrant Replacement – 1, 2, 3, 4          H. Paved Access to Secondary Scum Pumping Stations – 2          I. Screenings Handling Improvements – 1, 2, 5          J. Upgrades to the Utoy Creek Pumping Station – 2, 3, 4, 5, 6          K. Post Aeration Gate and Valve Improvements – 2, 3, 5, 6          L. Filter Building Wall Replacement – 1, 3          M. Foxboro Distributed Control System (DCS) Upgrades – 3, 5, 6</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	10		
<b>NPIs</b>	H, I, P, R		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/02/2006	<b>End Date</b>	03/03/2011
<b>Cost Estimate</b>	\$2,070,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$2,070,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>The following list summarizes the justification for the above project elements. Each project element above lists the requirements that are driving each need to the right of the project title according to the following legend:</p> <ol style="list-style-type: none"> <li>1. Code Compliance</li> <li>2. Equipment Maintenance</li> <li>3. Replacement of Aged/Damaged Assets</li> <li>4. Capacity Improvement</li> <li>5. Treatment Improvement</li> <li>6. Process Control Improvement</li> </ol>

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	0	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	1,627,000	Local	Revenue Bond				
Consultant (524001)	443,000	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	0	269,000	1,801,000	0	0	0	0
							<b>Total</b>
							2,070,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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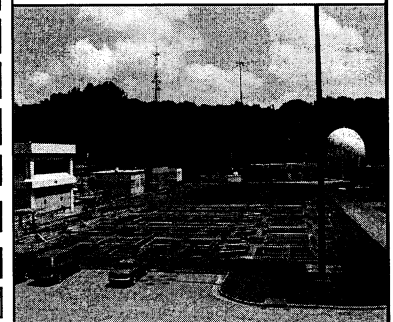
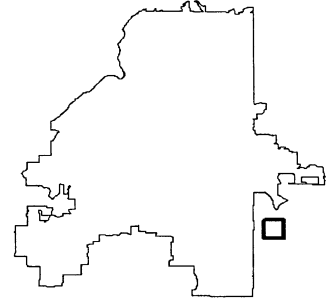
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<b>Project Manager</b>	Paula Days		
<b>Project Name</b>	Intrenchment Creek - Small Capital Projects		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>This project includes a number of individual projects that are required at the Intrenchment Creek WRC that are not large enough in magnitude to require separate CIP entries. These projects are intended to be implemented over multiple years. (See funding schedule below.) The justification for each work item is enumerated at the far right of each line item; consult legend in Justification Section below. The individual projects are as follows:</p> <p>A. Replace the HVAC system and carpets and furniture in the Administration Building.-3</p> <p>B. Rehabilitate the primary clarifiers (install separate drive mechanisms for each clarifier; replace piping and pipe supports in the primary sludge valve pits).-2,3,4,5</p> <p>C. Rehabilitate or replace effluent launders in the Intermediate Clarifiers.-3,5</p> <p>D. Rehabilitate the twelve Trickling Filters distributor arms (level arms; inspect and replace spray nozzle and deflector plates as needed; inspect bearings; and replace endcap on each arm).-2,5</p> <p>E. Upgrade Intermediate Pumping Station (replace drypit submersible pumps and entire electrical and control system).-2,3,5,6</p> <p>F. Upgrade Potable Water Piping (model the water distribution system; identify and repair blockages and constricted piping; install parallel pipes for better flow and pressure).-2,3,5</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1		
<b>NPUs</b>	W, Z		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/02/2006	<b>End Date</b>	03/03/2011
<b>Cost Estimate</b>	\$1,677,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total Unfunded</b>	\$1,677,000

Intrenchment Creek CSO Treatment Plant

Intrenchment Creek WRC

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>The following list summarizes the justification for the above project elements. Each project element above lists the requirements that are driving each need to the right of the project title according to the following legend:</p> <ol style="list-style-type: none"> <li>1. Code/Permit Compliance</li> <li>2. Equipment Maintenance/Repair</li> <li>3. Replacement of Aged/Damaged Assets</li> <li>4. Capacity Improvement</li> <li>5. Treatment Improvement</li> <li>6. Process Control Improvement</li> <li>7. Safety</li> </ol>

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	1,176,000	Local	Revenue Bond					
Consultant (524001)	501,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	375,000	1,302,000	0	0	0	0	1,677,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 03.03.050

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<b>Project Manager</b>	John Reinhard		
<b>Project Name</b>	Small PS Upgrades (Highlands, Niskey Lake 1 & 2, and Cascade Road)		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>This project includes the replacement of the dry well pump stations with new submersible pump stations at Highlands, Niskey Lake No.1 and Niskey Lake No.2. Note that Cascade should be deleted from the project title.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	10, 11		
<b>NPUs</b>	A, H, I, P, R, S		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	12/04/2006	<b>End Date</b>	01/15/2010
<b>Cost Estimate</b>	\$2,931,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$2,931,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	<p>The Niskey Lake Pump Stations and the Highlands Pump Station were installed in approximately 1968, 1983 and 1992 respectively. Rather than due an upgrade of only the electrical and pumps, Operations wants to replace the stations with submersible stations within the next 3-5 years. They will use maintenance budget to maintain them until then. This will eliminate confined space issues (Niskey 1 and 2), flooding concerns (Niskey 1 and 2), priming issues (Highlands) and generally replace outdated components that are difficult to maintain. Sufficient capacity is another future issue at Niskey 1 and 2.</p>

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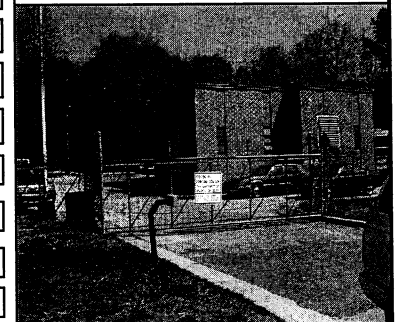
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	15,000	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	2,430,000	Local	Revenue Bond					
Consultant (524001)	486,000	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	0	243,000	2,688,000	0	0	0	2,931,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	David Winters		
<b>Project Name</b>	Pump Station - Bar Screen Replacement (BR & PL)		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	This project includes replacing the Bolton Road and Philip Lee bar screens.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	9		
<b>NPU's</b>	D, G		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/01/2006	<b>End Date</b>	04/11/2009
<b>Cost Estimate</b>	\$2,000,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$2,000,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	The bar screens at the Phillip Lee and Bolton Road Pump Stations were installed in 1973 and 1977 respectively. These bar screens were repaired in 2000 and will be used until replacement is required. Such replacement is anticipated to be required in approximately 2008.

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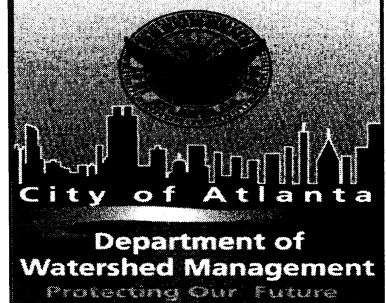
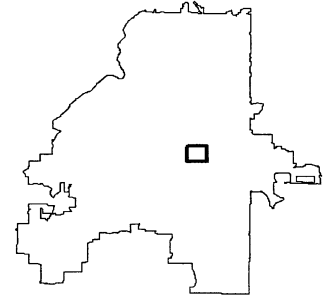
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	1,626,000	Local	Revenue Bond					
Consultant (524001)	374,000	Local	Revenue Bond					
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>	<b>Total</b>
Revenue Bond	0	200,000	1,800,000	0	0	0	0	2,000,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Lancelot Clark		
<b>Project Name</b>	AHA Aquarium - CSO Separation		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>The purpose of this project is to provide funds for the sewer separation portion of the development of the Georgia Aquarium in the Tanyard CSO Basin to the developer who is performing the work. The project consists of installing both new storm and sanitary sewers. Approximately 1,480' of 18" diameter ductile iron sanitary sewer pipe and approximately 905' of 48" and 560' of 36" diameter concrete storm sewer pipe will be installed by the developer. The existing combined sewer along Baker and Luckie Streets, from the new connection at Simpson and Luckie Streets to a new connection at Baker Street and Techwood Drive, will be removed. A 42" diameter storm sewer connection will be constructed for a future 0.28 million gallon underground storm water detention vault and an 18" diameter sanitary sewer connection will be made for the Aquarium complex.</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	2, 3, 5, 6, 8		
<b>NPUs</b>	E, L, M, T		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/01/2004	<b>End Date</b>	12/31/2004
<b>Cost Estimate</b>	\$1,580,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$1,580,000	<b>Total UnFunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	Funding of water and sewer improvements in the public right-of-way is part of the City's commitment in support of development of facilities for the public good. Sewer separation in the Tanyard Creek CSO Basin is a component of the Authorized CSO Remedial Measures Plan.

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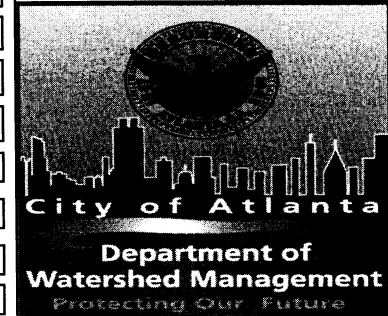
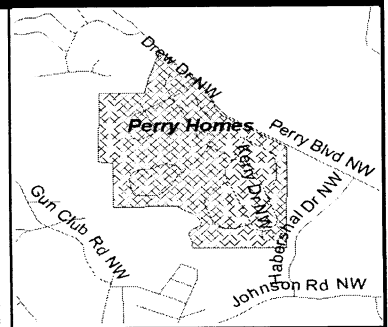
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	1,580,000	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	1,580,000	0	0	0	0	0	0	1,580,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

WBS NUMBER: 05.96.009

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<b>Project Manager</b>	Robert Hunter		
<b>Project Name</b>	AHA - Perry Off-Site Redevelopment		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	The Perry off-site revitalization project requires additional sewer capacity within the Proctor Creek sewer basin. AHA proposes to develop a private wastewater treatment facility to treat wastewater from the Proctor Creek basin to standards that allow spray irrigation. The funding represents the estimated City share of the project.		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	9		
<b>NPU's</b>	D, G, J		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	08/02/2004	<b>End Date</b>	12/01/2005
<b>Cost Estimate</b>	\$3,900,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$3,900,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Funding is part of the City's commitment in support of AHA funding under HUD federal grant program. Project will relieve capacity limitations within portion of the Proctor Creek sewer basin, in compliance with the First Amended Consent Decree.

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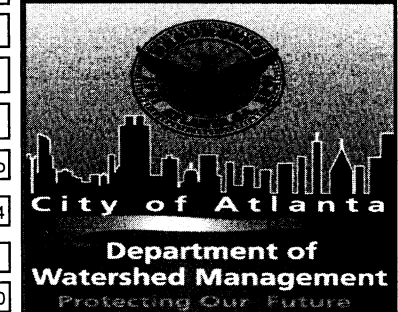
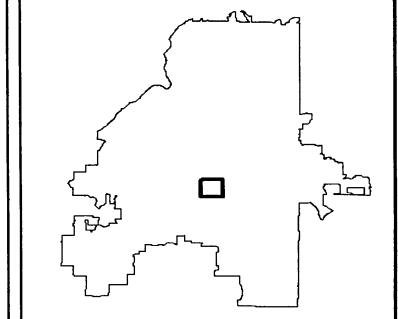
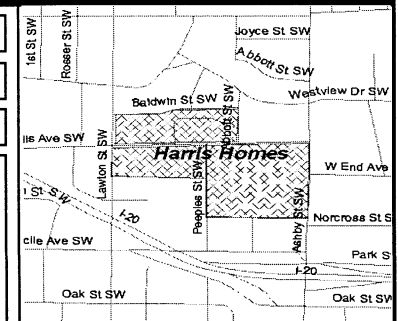
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,900,000	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	3,900,000	0	0	0	0	0	3,900,000

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Robert Hunter		
<b>Project Name</b>	AHA - Harris Redevelopment - Phase 2a		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>Provide funding to AHA for public infrastructure improvements necessary for the redevelopment of Harris Homes (Collegetown at Harris), in support of AHA funding under HUD federal grant program. Specifically, Phase 2A funds the second phase of water and sewer improvements in the public right of way; and the second phase of sewer separation within the AHA redevelopment as part of the Greensferry sewer separation project of the authorized CSO Plan. Improvements include:</p> <ul style="list-style-type: none"> <li>•Water Mains – 4,200 LF of 8-inch pipe</li> <li>•Sanitary Sewer – 3,000 LF of 8-inch pipe; 350 LF of 12-inch pipe; 900 LF of 15-inch pipe</li> <li>•Storm Sewer – 4,200 LF of 15-inch pipe; 720 LF of 18-inch pipe; 500 LF of 24-inch pipe; 350 LF of 30-inch pipe; 80 LF of 36-inch pipe; and 400 LF of 72-inch pipe</li> </ul>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	3, 4, 10		
<b>NPUs</b>	I, K, L, M, S, T, V		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/01/2004	<b>End Date</b>	12/31/2004
<b>Cost Estimate</b>	\$3,290,185	<b>Estimated By</b>	
<b>Total Funded</b>	\$3,290,185	<b>Total UnFunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	Sewer separation in the Greensferry basin is a component of the Authorized CSO Plan as required by the Consent Decree. Funding of water and sewer improvements in the public right of way is part of the City's commitment in support of AHA funding under HUD federal grant program.

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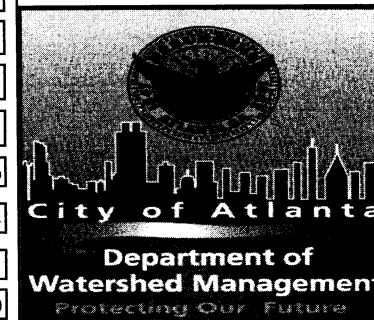
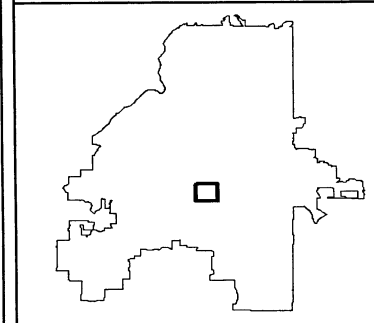
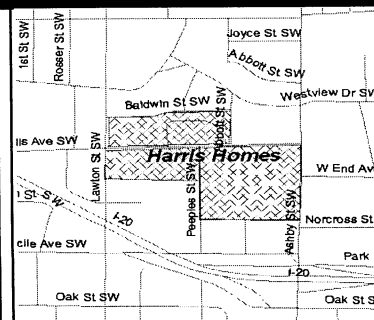
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,290,185	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	3,290,185	0	0	0	0	0	0	3,290,185

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Robert Hunter		
<b>Project Name</b>	AHA - Harris Redevelopment - Phase 2b		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>Provide funding to AHA for public infrastructure improvements necessary for the redevelopment of Harris Homes (Collegetown at Harris), in support of AHA funding under HUD federal grant program. Specifically, Phase 2B funds the storm water pond component of sewer separation within the AHA redevelopment as part of the Greensferry sewer separation project of the authorized CSO Plan. Improvements include:</p> <ul style="list-style-type: none"> <li>• Storm water pond to retain and treat the storm water runoff from a 96-acre area immediately upstream within the Greensferry basin</li> <li>• Provides localized downstream flood control</li> <li>• Provides approximately 4 acres of Greenspace – community amenity</li> <li>• Consistent with Clean Water Atlanta Initiative to provide greenspace and natural treatment within redevelopment projects</li> </ul>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	2, 3, 4, 10		
<b>NPU's</b>	K, L, M, S, T, V		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/01/2004	<b>End Date</b>	12/31/2004
<b>Cost Estimate</b>	\$3,965,300	<b>Estimated By</b>	
<b>Total Funded</b>	\$3,965,300	<b>Total UnFunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	Sewer separation in the Greensferry basin is a component of the Authorized CSO Plan as required by the Consent Decree. Funding of water and sewer improvements in the public right of way is part of the City's commitment in support of AHA funding under HUD federal grant program.

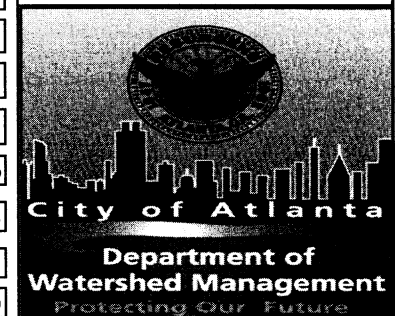
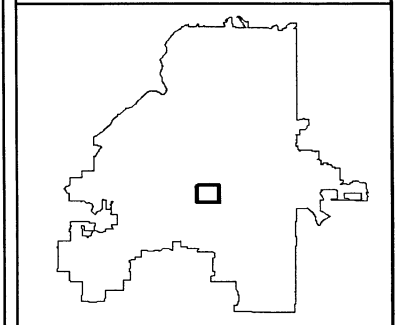
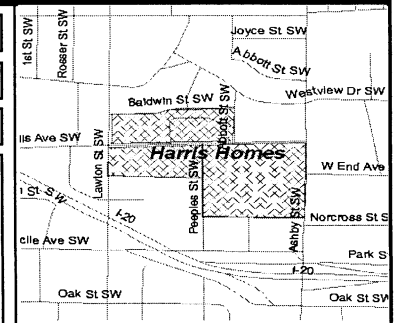
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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	3,965,300	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	3,965,300	0	0	0	0	0	0	3,965,300

**WBS NUMBER: 05.96.013**

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<b>Project Manager</b>	Joe Basista		
<b>Project Name</b>	AHA - Harris Redevelopment Phase 3		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>Provide funding to AHA for public infrastructure improvements necessary for the redevelopment of Harris Homes (Collegetown at Harris), in support of AHA funding under HUD federal grant program. Phase 3 funds the third phase of water and sewer improvements in the public right of way; and the third phase of sewer separation within the AHA redevelopment as part of the Greensferry sewer separation project of the authorized CSO Plan.</p> <p>– Phase 3 – \$654,122</p>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	3, 4, 10		
<b>NPU's</b>	K, L, M, S, T, V		
<b>Length in Feet</b>		<b>Consent Decree</b>	
<b>Start Date</b>	08/02/2004	<b>End Date</b>	03/01/2005
<b>Cost Estimate</b>	\$654,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$654,000



# Justification

<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Sewer separation in the Greensferry basin is a component of the Authorized CSO Plan as required by the Consent Decree. Funding of water and sewer improvements in the public right of way is part of the City's commitment in support of AHA funding under HUD federal grant program.

Cost

Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	654,000	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	0	654,000	0	0	0	0	0	654,000

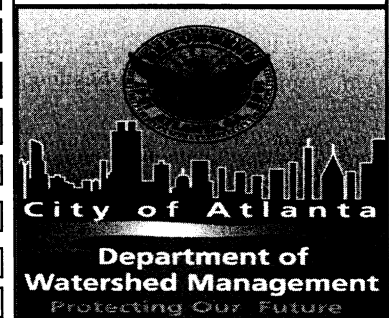
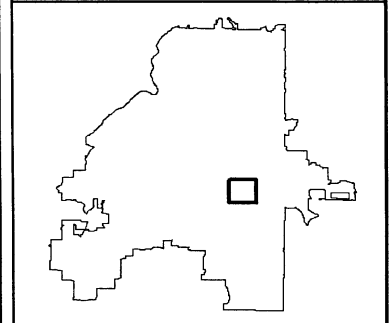
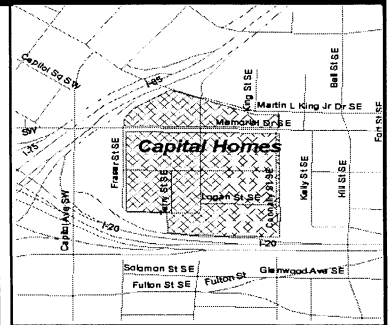


## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Joe Basista		
<b>Project Name</b>	AHA - Capital Redevelopment Phase 2		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>Provide funding to AHA for public infrastructure improvements necessary for the redevelopment of Capital Homes, in support of AHA funding under HUD federal grant program. The project funds water and sewer improvements in the public right of way. The funding is phased in parallel with AHA construction:</p> <ul style="list-style-type: none"> <li>• Phase 1 -- \$1,333,958 (Year 2004)</li> <li>• Phase 2 -- \$4,035,412 (Year 2004)</li> <li>• Phase 3 -- \$1,500,000 (Year 2006)</li> <li>• Source of estimated costs is AHA -- costs will be refined as AHA progresses their engineering</li> </ul>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5		
<b>NPU</b>	M, N, V, W		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	01/01/2005	<b>End Date</b>	12/31/2005
<b>Cost Estimate</b>	\$4,035,412	<b>Estimated By</b>	
<b>Total Funded</b>	\$4,035,412	<b>Total UnFunded</b>	\$0

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Employee Health & Safety	Not applicable
Consent Order/Regulatory Compliance	Not applicable
Customer Service	Not applicable
Service Capacity	Not applicable
Service Reliability/Risk/Security	Not applicable
Cost Savings/Revenue Generation	Not applicable
Other	Funding of water and sewer improvements in the public right of way is part of the City's commitment in support of AHA funding under HUD federal grant program.

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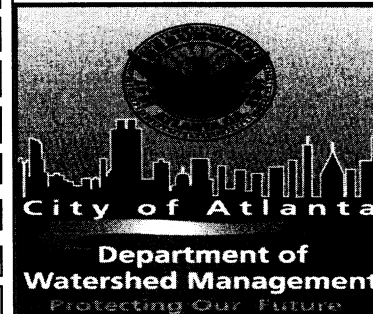
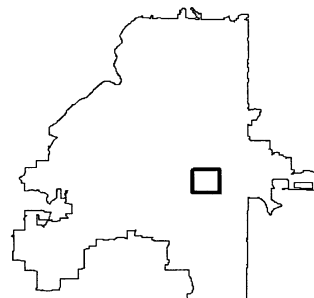
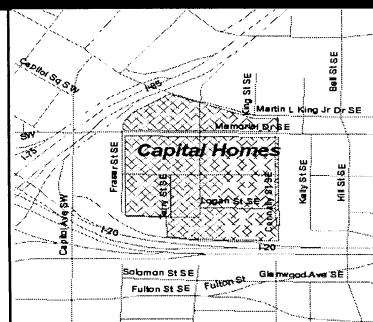
Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID	
Land (571001)	0	Local	Revenue Bond					
Easements(572001)	0	Local	Revenue Bond					
Buildings (573001)	0	Local	Revenue Bond					
Facilities (574001)	4,035,412	Local	Revenue Bond					
Consultant (524001)	0	Local	Revenue Bond					
Source of Funds	To Date	2006	2007	2008	2009	2010	2011-16	Total
Revenue Bond	4,035,412	0	0	0	0	0	0	4,035,412

## DEPARTMENT OF WATERSHED MANAGEMENT PROJECT FACT SHEET

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<b>Project Manager</b>	Joe Basista		
<b>Project Name</b>	AHA - Capital Redevelopment Phase 3		
<b>Program</b>	System Renewal/Operational Reliability		
<b>Description</b>	<p>Provide funding to AHA for public infrastructure improvements necessary for the redevelopment of Capital Homes, in support of AHA funding under HUD federal grant program. The project funds water and sewer improvements in the public right of way. The funding is phased in parallel with AHA construction:</p> <ul style="list-style-type: none"> <li>• Phase 1 – \$1,333,958 (Year 2004)</li> <li>• Phase 2 – \$4,035,412 (Year 2004)</li> <li>• Phase 3 – \$1,500,000 (Year 2006)</li> <li>• Source of estimated costs is AHA – costs will be refined as AHA progresses their engineering</li> </ul>		
<b>Sponsor (Lead)</b>	City of Atlanta		
<b>Council Districts</b>	1, 2, 3, 4, 5		
<b>NPU's</b>	M, N, V, W		
<b>Length in Feet</b>		<b>Consent Decree</b>	No
<b>Start Date</b>	04/03/2006	<b>End Date</b>	06/03/2006
<b>Cost Estimate</b>	\$1,500,000	<b>Estimated By</b>	
<b>Total Funded</b>	\$0	<b>Total UnFunded</b>	\$1,500,000

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<b>Employee Health &amp; Safety</b>	Not applicable
<b>Consent Order/Regulatory Compliance</b>	Not applicable
<b>Customer Service</b>	Not applicable
<b>Service Capacity</b>	Not applicable
<b>Service Reliability/Risk/Security</b>	Not applicable
<b>Cost Savings/Revenue Generation</b>	Not applicable
<b>Other</b>	Funding of water and sewer improvements in the public right of way is part of the City's commitment in support of AHA funding under HUD federal grant program.

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Phase	Phase Cost	Level	Funding	Year	Phase%	Amount	Acct #/Funder ID
Land (571001)	0	Local	Revenue Bond				
Easements(572001)	0	Local	Revenue Bond				
Buildings (573001)	0	Local	Revenue Bond				
Facilities (574001)	1,500,000	Local	Revenue Bond				
Consultant (524001)	0	Local	Revenue Bond				
<b>Source of Funds</b>	<b>To Date</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011-16</b>
Revenue Bond	0	1,500,000	0	0	0	0	0
							<b>Total</b>
							1,500,000